Symmetry Analysis of (2 + 1)-Dimensional Doebner–Goldin Equations

Jörg VOLKMANN and Gerd BAUMANN

Department of Mathematical Physics, University of Ulm, Albert-Einstein-Allee 11, D-89069 Ulm/Donau, Germany E-mail: volk@physik.uni-ulm.de, gerd.baumann@physik.uni-ulm.de

The paper discusses the application of MathLie in connection with Lie group analysis. The examined example is the (2 + 1)-dimensional case of the Doebner–Goldin equations after Madelung representation. The related Lie algebras are calculated and classified. Furthermore we discuss the determination of an optimal system for the 7-dimensional case of one Lie algebra.

1 Introduction

The application of Lie's theory to examine systems of partial differential equations is one of the most efficient methods to calculate solutions for equations of motions. Furthermore Lie's theory allows the classification of solutions and related algebras. One can use Lie's transformation theory as a microscope to get information about the properties of a physical model [1, 2]. Lie's method is discussed in literature in great detail [3–6]. With the algorithms at hand one can generate computer programs such as *MathLie* to automatically carry out the calculations. Today there are a large number of symbolic computing programs for the algebraic manipulation of equations.

In this discussion we show investigations to get information about the structure of solutions of the Doebner–Goldin–Madelung equations. The symmetry investigations of these equations are carried out by using the Mathematica program *MathLie*. Section 3 is concerned with the algebra investigation of a 7-dimensional algebra using the *Mathematica* program *MathLieAlg* by R. Schmid [7]. Section 4 deals with an algorithm of calculating optimal systems. The example discussed in Section 4 is a 7-dimensional algebra generated by one of the Doebner–Goldin–Madelung equation.

2 Derivation of the Doebner–Goldin equations

The investigation of Borel quantization for S^1 leads to a non-linear Schrödinger equation of the form (here with $m = 1, \hbar = 1$):

$$i\partial_t \psi = -\frac{1}{2}\Delta \psi + V(\vec{x}, t)\psi + \frac{i}{2}KR_2(\psi)\psi + \sum_{j=1}^5 D_j R_j(\psi)\psi,$$
(1)

derived by Dobrev, Doebner and Twarock [8] and nowadays called Doebner–Goldin equations. Here, the $R_j(\psi)$ with $j \in \{1, \ldots, 5\}$ are real valued functionals of the real valued density $\rho = \overline{\rho} = \psi \overline{\psi}$ and the real valued current $\vec{j} = \overline{\vec{j}} = \frac{i\hbar}{2m} (\psi \nabla \overline{\psi} - \overline{\psi} \nabla \psi)$ and can be found in [8,9].

In the following we consider the (2+1)-dimensional case of equation (1) without potential V. Applying the Madelung transformation

$$\psi \to \sqrt{\varrho(\vec{x},t)} \exp\left(\mathrm{i}S(\vec{x},t)\right), \qquad \overline{\psi} \to \sqrt{\varrho(\vec{x},t)} \exp\left(-\mathrm{i}S(\vec{x},t)\right)$$

to equation (1) and dividing the resulting equations into real and imaginary parts we find the following system:

$$\varrho_t + S_x \varrho_x + S_y \varrho_y + \varrho S_{xx} + \varrho S_{yy} - \delta \varrho_{xx} - \delta \varrho_{yy} = 0, \tag{2}$$

$$(1+8D_5)\left(\varrho_x^2+\varrho_y^2\right)+4\varrho^2\left(2S_t+S_x^2+2D_3S_x^2+(1+2D_3)S_y^2+2D_1S_{xx}+2D_1S_{yy}\right)$$
(3)

$$+2\varrho(4D_1S_x\varrho_x+4D_4S_x\varrho_x+4(D_1+D_4)S_y\varrho_y-\varrho_{xx}+4D_2\varrho_{xx}+(-1+4D_2)\varrho_{yy})=0,$$

where m = 1 and $\hbar = 1$. Here, D_1 , D_2 , D_3 , D_4 , and δ are real valued parameters. By permutating these parameters we receive 63 different model equations (see table in [9]) of nonlinear Schrödinger type. This set of equations is called the set of Doebner–Goldin–Madelung equations. The whole set of equations are examined with the Mathematica program *MathLie*.

3 Symmetry analysis of the (2 + 1)-dimensional Doebner–Goldin–Madelung equations

In order to find the symmetry group of equations (2), (3), we apply the algorithms described in text books such as [3,1]. We look for an algebra of vector fields of the form

$$V = \xi[1]\partial_x + \xi[2]\partial_t + \phi[1]\partial_\rho + \phi[2]\partial_S,$$

where the infinitesimals $\xi[1], \xi[2]$ and $\phi[1], \phi[2]$ depend on x, t, ϱ , and S in general.

These coefficients are determined from the requirement that the second prolongation of V should annihilate the equation on the solution set of the equation. This was done by using the Mathematica program *MathLie* [3] for all 63 model equations of the Doebner–Goldin–Madelung equations.

The next step of our discussion is related to the investigation of the 7-dimensional algebra of the equation with the parameters D_3 , D_5 (see [9]). We use a *Mathematica* program *MathLieAlg* by R. Schmid [7]. The generators of this equation are:

$$V[1] = \partial_t, \qquad V[2] = \varrho \partial_\varrho, \qquad V[3] = -4t\partial_t - 2x\partial_x - 2y\partial_y,$$

$$V[4] = \partial_x, \qquad V[5] = \partial_S, \qquad V[6] = -y\partial_x + x\partial_y, \qquad V[7] = \partial_y.$$
(4)

The only non-zero commutators of the vector fields are following:

$$\begin{split} & [V[1],V[3]] = -4V[1], \qquad [V[3],V[4]] = 2V[4], \qquad [V[3],V[7]] = 2V[7], \\ & [V[4],V[6]] = V[7], \qquad [V[6],V[7]] = V[4]. \end{split}$$

Nontrivial algebra elements are $\{V[1], V[2], V[3], V[5], V[6]\}$. Algebras can be generated by the following sets:

$$\begin{split} &\{V[1],V[2],V[3],V[4],V[5],V[6]\}, \qquad \{V[1],V[2],V[3],V[5],V[6],V[7]\}, \\ &\{V[1],V[2],V[3],V[4],V[5],V[6],V[7]\}. \end{split}$$

The Cartan metric of this algebra reads:

/	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	24	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	-2	0
	0	0	0	0	0	0	0 /
`							

The algebraic properties are following: not semisimple, solvable, not nilpotent.

From this algebra the subalgebras listed in Table 1 can be derived:

Dimension	Number	Subalgebra elements
Dimonolon	of subalgebras	
0	1	{}
1	7	$\{V[1]\}, \{V[2]\}, \{V[3]\}, \{V[4]\}, \{V[5]\}, \{V[6]\}, \{V[7]\}\}$
2	19	$\{V[1], V[2]\}, \{V[1], V[3]\}, \{V[1], V[4]\}, \{V[1], V[5]\}, \{V[1], V[6]\}, $
		$\{V[1], V[7]\}, \{V[2], V[3]\}, \{V[2], V[4]\}, \{V[2], V[5]\}, \{V[2], V[6]\}, $
		$\{V[2], V[7]\}, \{V[3], V[4]\}, \{V[3], V[5]\}, \{V[3], V[6]\}, \{V[3], V[7]\}, $
		$\{V[4], V[5]\}, \{V[4], V[7]\}, \{V[5], V[6]\}, \{V[5], V[7]\}$
3	27	$\{V[1], V[2], V[3]\}, \{V[1], V[2], V[4]\}, \{V[1], V[2], V[5]\}, \{V[1], V[2], V[6]\}, \{V[1], V[6]\}, \{V[1$
		$\{V[1], V[2], V[7]\}, \{V[1], V[3], V[4]\}, \{V[1], V[3], V[5]\}, \{V[1], V[3], V[6]\}, \{V[1], V[6$
		$\{V[1], V[3], V[7]\}, \{V[1], V[4], V[5]\}, \{V[1], V[4], V[7]\}, \{V[1], V[5], V[6]\}, \{V[1], V[5]\}, \{V[1], V[5]\}, \{V[1], V[5]\}, \{V[1], V[5]\}, \{V[1], V[5]\}, \{V[1], V[5]\}, \{V[1], V[6]\}, \{V[1], V[6]\}$
		$\{V[1], V[5], V[7]\}, \{V[2], V[3], V[4]\}, \{V[2], V[3], V[5]\}, \{V[2], V[3], V[6]\}, \{V[2], V[6]\}, $
		$\{V[2], V[3], V[7]\}, \{V[2], V[4], V[5]\}, \{V[2], V[4], V[7]\}, \{V[2], V[5], V[6]\}, \{V[2], V[6$
		$\{V[2], V[5], V[7]\}, \{V[3], V[4], V[5]\}, \{V[3], V[4], V[7]\}, \{V[3], V[5], V[6]\}, \{V[6]\}, V[6]\}, \{V[6], V[6]\}, \{V[$
		$\{V[3], V[5], V[7]\}, \{V[4], V[5], V[7]\}, \{V[4], V[6], V[7]\}$
4	23	$\{V[1], V[2], V[3], V[4]\}, \{V[1], V[2], V[3], V[5]\}, \{V[1], V[2], V[3], V[6]\}, \{V[1], V[2], V[6]\}, \{V[1], V[6]\}, $
		$\{V[1], V[2], V[3], V[7]\}, \{V[1], V[2], V[4], V[5]\}, \{V[1], V[2], V[4], V[7]\}, \{V[1], V[2], V[4], V[2], V[4], V[2], V[4], V[2], V[4], V[4],$
		$\{V[1], V[2], V[5], V[6]\}, \{V[1], V[2], V[5], V[7]\}, \{V[1], V[3], V[4], V[5]\}, \{V[1], V[5], V[5], V[5], V[5]\}, \{V[1], V[5], V[5]\}, \{V[1], V[5], V[5]\}, \{V[1], V[5], V[5]\}, \{V[1], V[5], V[5]\}, V[5]\}, \{V[1], V[5], V[5]\}, \{V[1], V[5], V[5]\}, \{V[1], V[5], V[5]\}, \{V[1], V[5], V[5]\}, V[5]\}$
		$\{V[1], V[3], V[4], V[7]\}, \{V[1], V[3], V[5], V[6]\}, \{V[1], V[3], V[5], V[7]\}, \{V[1], V[3], V[7]\}, \{V[1], V[7]\}, $
		$\{V[1], V[4], V[5], V[7]\}, \{V[1], V[4], V[6], V[7]\}, \{V[2], V[3], V[4], V[5]\}, \{V[2], V[3], V[4], V[5]\}, \{V[1], V[4], V[5]\}, V[5]\}, \{V[1], V[4], V[5]\}, V[5]\}, \{V[1], V[5]\}, V[5]\}, V[5]\}$
		$\{V[2], V[3], V[4], V[7]\}, \{V[2], V[3], V[5], V[6]\}, \{V[2], V[3], V[5], V[7]\}, \{V[2], V[3], V[7]\}, \{V[2], V[7]\}, \{V[2],$
		$\{V[2], V[4], V[5], V[7]\}, \{V[2], V[4], V[6], V[7]\}, \{V[3], V[4], V[5], V[7]\}, \{V[2], V[7]\}, \{V[2],$
		$\{V[3], V[4], V[6], V[7]\}, \{V[4], V[5], V[6], V[7]\}$
5	13	$\{V[1], V[2], V[3], V[4], V[5]\}, \{V[1], V[2], V[3], V[4], V[7]\}, \{V[1], V[2], V[3], V[5], V[6]\}, V[$
		$\{V[1], V[2], V[3], V[5], V[7]\}, \{V[1], V[2], V[4], V[5], V[7]\}, \{V[1], V[2], V[4], V[6], V[7]\}, \{V[1], V[6], V[7]\}, \{V[1], V[6], V[6$
		$\{V[1], V[2], V[3], V[4], V[5]\}, \{V[1], V[3], V[4], V[5], V[7]\}, \{V[1], V[3], V[4], V[6], V[7]\}, \{V[1], V[6], V[7]\}, \{V[1], V[6], V[6],$
		$\{V[1], V[4], V[5], V[6], V[7]\}, \{V[2], V[3], V[4], V[5], V[7]\}, \{V[2], V[3], V[4], V[6], V[7]\}, \{V[2], V[3], V[6], V[7]\}, \{V[2], V[6], V$
		$\{V[2], V[4], V[5], V[6], V[7]\}, \{V[3], V[4], V[5], V[6], V[7]\}$
6	5	$\{V[1], V[2], V[3], V[4], V[5], V[7]\}, \{V[1], V[2], V[3], V[4], V[6], V[7]\}, \{V[1], V[2], V[2$
		$\{V[1], V[2], V[4], V[5], V[6], V[7]\}, \{V[1], V[3], V[4], V[5], V[6], V[7]\}, \{V[1], V[6], V[6], V[6], V[6], V[6]\}, V[6], V[6], V[6], V[6]\}, V[6], V[6$
		$\{V[2], V[3], V[4], V[5], V[6], V[7]\}$
7	1	$\{V[1], V[2], V[3], V[4], V[5], V[6], V[7]\}$

Table 1. Table of subalgebras¹.

Examining the subalgebras we can find the ideals listed in [9]. The normalizer of all ideals is the algebra $\{V[1], V[2], V[3], V[4], V[5], V[6], V7]\}$ and the radical reads $\{V[1], V[2], V[3], V[4], V[5], V[6], V7]\}$. For the center we find $\{V[2], V[5]\}$. The adjoint representation of our 7dimensional algebra can be found in [9].

4 The optimal system of the seven-dimensional algebra

Let us first consider the general system of differential equations

$$F(x, u, u^{(n)}) = 0 \tag{5}$$

and the related symmetry group G. For every s-parametric subgroup H_s one can calculate similarity solutions under the assumption², that $s < \min(r, n')$, where n' is the number of independent variables and r is the order of the system of differential equations [4]. In this set of similarity solutions there are such solutions, which can be calculated by a transformation of the symmetry group from other similarity solutions. Our aim is to derive a minimal set of similarity solutions from which one can gain all the other solutions by a transformation. Such a list is called optimal system of similarity solutions with elements which are essentially different types of similarity solutions. The application of the conjugation (see e.g. [12]) and a theorem

 $^{^{1}}$ {} is empty set.

²Following [12] the number of parameters s of a subgroup H of a symmetry group G will be written under the symbol of the subgroup.

by Olver [6] allows us to transform the problem of classifying solutions to that of classifying subgroups. The adjoint representation maps this problem to the classification of subalgebras with respect to inner automorphisms. The result is the optimal system of subalgebras. More details can be found in [4, 6].

The literature presents several methods of classifying subalgebras. A detailed discussion of the procedures are given in [10, 4, 5, 11]. A common property of these methods is that they all start with algebras of very low dimension.

Due to Ovsyannikov [13–15] we organize our calculations by the following definition and theorem.

Definition 1 ([15]). An optimal system ΘL is said to be normalized if Nor $K \in \Theta L$ whenever a subalgebra K is in ΘL .

The existence of such optimal system follows from

Theorem 1 ([15]). For any finite-dimensional Lie algebra there exists a normalized optimal system ΘL of subalgebras.

The following discussion demonstrates the application of our algorithm [2] to the 7-dimensional algebra 4. We start our calculation with the series of ideals

$$\{\} \subset \{V[1], V[4]\} \subset \{V[1], V[4], V[7]\} \subset \{V[1], V[3], V[4], V[5], V[6], V[7]\} \\ \subset \{V[1], V[2], V[3], V[4], V[5], V[6], V[7]\} = L_7$$

and take the maximal Abelian ideal $I_{\text{max}} = \{V[1], V[4], V[7]\}$. The related factor algebra $L_7 \setminus I_{\text{max}}$ is $\{V[2], V[3], V[5], V[6]\}$. Now we are doing the same step with this factor algebra. The series of ideals is

$$0 \subset \{V[2], V[5]\} \subset \{V[2], V[3], V[5], V[6]\}$$

with the maximal Abelian subalgebra $\{V[2], V[5]\}$. The related factor algebra reads $\{V[3], V[6]\}$. By starting with the smallest factor algebra we have to express a general vector Y by a linear combination of the vectors V[3], V[6]:

$$Y_1 = x_3 V[3] + x_6 V[6], \qquad Y_2 = y_3 V[3] + y_6 V[6].$$
(6)

The coefficient matrix of (6) reads $\begin{pmatrix} x_3 & x_6 \\ y_3 & y_6 \end{pmatrix}$ which allows manipulation by row and application of the adjoint representation of the ranks 2, 1, 0. The classification of the above matrix delivers the result in Table 2.

Dimension	Subalgebras
2	$\{V[3], V[6]\}$
1	$\{V[3] + x_6 V[6]\}, x_6 \neq 0,$
	$\{V[3]\}, \{V[6]\}$
0	{}

Table 2. Optimal system of the two-dimensional subalgebra $\{V[3], V[6]\}$.

Now we have to consider the first extension of the algebra. An equation similar to (6) leads to the matrix

$\left(\begin{array}{c} u_2 \end{array} \right)$	u_5	u_3	u_6
v_2	v_5	v_3	v_6
x_2	x_5	x_3	x_6
y_2	y_5	y_3	y_6 /

which has to be classified. It allows the ranks 4, 3, 2, 1, 0. In addition there exists a block structure. The 2×2 matrix in the lower right corner with the indices (3, 6) and the matrix in the upper left corner with the indices (2, 5).

We start our calculation with the matrix in the upper left corner related to the indices (2, 5), which allows the ranks 2, 1, 0. The results are

Table 3. Optimal system of the subalgebra $\{V[2], V[5]\}$.

Dimension	Subalgebras
2	$\{V[2], V[5]\}$
1	$\{V[2] + u_5 V[5]\}, u_5 \neq 0,$
	$\{V[2]\}, \{V[5]\}$

For the rank 0 the upper left matrix (2,5) only contains 0. So we have to consider the matrix containing the last two lines of (7). The block matrix with (3,6) index runs through all subalgebras of Table 2. The final result of this calculation step is

Table 4. Optimal system of the subalgebra $\{V[2], V[5], V[3], V[6]\}$.

Dimension	Subalgebras
4	$\{V[3], V[6], V[2], V[5]\}$
3	$\{V[3], V[6], V[2] + x5V[5]\}, \{V[3], V[6], V[2]\}, \{V[3], V[6], V[5]\}$
	$\{V[3] + x6V[6], V[2], V[5]\}, \{V[3], V[2], V[5]\}, \{V[6], V[2], V[5]\}$
2	$\{V[3] + x_6V[6], V[2] + x_5V[5]\}, \{V[3] + x_6V[6], V[2]\}, \{V[3] + x_6V[6], V[5]\}, V[5]\}, \{V[3] + x_6V[6], V[5]\}, V[5]\}, \{V[3] + x_6V[6], V[5]\}, V[5]\}, V[5]\}$
	$\{V[3], V[2] + x_5 V[5]\}, \{V[3], V[2]\}, \{V[3], V[5]\}, \{V[6], V[2] + x_5 V[5]\}, \{V[6], V[2]\}, \{V[6],$
	$\{V[6], V[5]\}, \{V[2], V[5]\}, \{x_2V[2] + x_5V[5] + V[3], y_2V[2] + y_5V[5] + V[6]\}, $
	$\{x_2V[2] + x_5V[5] + V[3] + x_6V[6], y_2V[2] + y_5V[5]\}, \{x_2V[2] + x_5V[5] + V[3], y_2V[2] + y_5V[5]\}, \{x_2V[2] + x_5V[5], y_2V[2] + y_5V[5]\}, \{x_2V[2] + x_5V[5], y_2V[5]\}, \{x_2V[2] + x_5V[5], y_2V[5], y_2V[5]\}, \{x_2V[2] + x_5V[5], y_2V[5], y_2V[5], y_2V[5]\}, \{x_2V[2] + x_5V[5], y_2V[5]\}, \{x_2V[2] + x_5V[5], y_2V[5], y_2V[5]\}, \{x_2V[2] + x_5V[5], y_2V[5]\}, \{x_2V[2] + x_5V[5]\}, y_2V[2] + x_5V[5], y_2V[5]\}, y_2V[5], y_2V[5]\}, y_2V[5], y_2V[5]\}, y_2V[5], y_2V[5], y_2V[5]\}, y_2V[5], y_2V[5], y_2V[5]\}, y_2V[5], y_2V[5], y_2V[5], y_2V[5], y_2V[5]\}, y_2V[5], y_2V[$
	$\{x_2V[2] + x_5V[5] + V[6], y_2V[2] + y_5V[5]\}, \{V[3], V[6]\}$
1	$\{V[2] + x_5V[5]\}, \{V[2]\}, \{V[5]\}, \{V[3] + x_6V[6]\}, \{V[3]\}, \{V[6]\}\}$

In the next step of our algorithm [2], we have to consider the properties of the matrix

(a_1	a_4	a_7	a_5	a_3	a_6		
	b_1	b_4	b_7	b_5	b_3	b_6		
	c_1	c_4	c_7	c_5	c_3	c_6		
	u_1	u_4	u_7	u_5	u_3	u_6		•
	v_1	v_4	v_7	v_5	v_3	v_6		
	x_1	x_4	x_7	x_5	x_3	x_6		
l	y_1	y_4	y_7	y_5	y_3	y_6	Ϊ	

(8)

It desintegrates into a block structure where we have to consider the matrix in the upper left corner (first three lines) with the indices (1,3,7). It allows the ranks 3, 2, 1, 0. The result of this classification is

Table 5. Optimal system of the subalgebra $\{V[1], V[4], V[7]\}$.

Dimension	Subalgebras
3	$\{V[1], V[4], V[7]\}$
2	$\{V[1] + a_7 V[7], V[4] + b_7 V[7]\}, \{V[1] + a_4 V[4], V[7]\}, \{V[4], V[7]\}\}$
1	$\{V[1] + a_4V[4] + a_7V[7]\}, \{V[1] + a_7V[7]\}, \{V[1]\}, \{V[4] + a_7V[7]\}, \{V[7]\}\}$

By taking into account the block structure we have the matrix in the upper left corner with the indices (1, 4, 7) (first three lines) and the matrix in the right left corner with the indices (2, 5, 3, 6) (last four lines). To classify the whole matrix (8) every subalgebra of the upper left corner from Table 5 has to combine with every subalgebra of the lower right corner from Table 4.

For the rank 0 we have to investigate the matrix built by the last four lines of (8). The block matrix with the indices (2, 5, 3, 6) runs through all subalgebras of Table 4. The final result of classifying this matrix is given in Table 6.

Table 6. Optimal system of the subalgebra	a $\{V[1], V[4], `$	V[7], V[2]	$], V[5], V[3], V[6]\}.$
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4 $\{V[3], u_{V}[1] + V[0], u_{V}[1] + V[2] + u_{V}[3], v_{V}[2], V[2], $	Dimension	Optimal system
$ \begin{cases} V[2] + u_V[4], V[3] + v_V[7], V[3], v_V[7], V[2] + u_V[4] + u_V[1], V[3], v_V[4] + v_V[4], V[7], \\ V[2] + u_V[7], V[3] + v_V[6], V[4], V[7], V[2] + u_V[4] + v_V[5], V[3] + v_V[6], V[4], V[7], \\ V[2] + u_V[7], V[3] + v_V[6], V[4], V[7], V[2] + u_V[4] + v_V[5], V[3] + v_V[6], V[4], V[7], \\ (u_V[1] + v_V[2] + u_V[7], V[3], V[1], V[7], V[1] + u_V[2] + u_V[5], V[3], V[4], V[7], \\ (u_V[1] + V[2] + u_V[7], V[3], V[1], V[7], V[1] + u_V[1] + v_V[2] + u_V[7], V[3], V[4], V[7], \\ (u_V[1] + V[2] + u_V[7], V[3], V[1], V[7], V[1] + v_V[7], V[3], V[4], V[7], \\ (u_V[1] + V[3], V[3], V[4], V[7], V[4] + u_V[7], V[4], V[1] + V[7], \\ (u_V[1] + V[3], V[3], V[4], V[7], V[4] + v_V[7], V[4], V[7], V[4], V[7], \\ (u_V[1] + V[3], V[3], V[4], V[7], V[4] + v_V[7], V[4] + V[7], V[4] + v_V[7], V[4] + v_V[7], V[4], V[7], \\ (u_V[1] + V[6], v_V[1] + v_V[2] + v_V[7], V[4], V[7], \\ (u_V[1] + V[6], v_V[1] + v_V[2] + v_V[7], V[4] + V[7], V[4] + v_V[7], V[4] + v_V[7], \\ (u_V[1] + V[2] + v_V[7], v_V[1] + v_V[4] + V[5] + v_V[7], V[1] + v_V[7], V[4] + v_V[7], \\ (u_V[1] + V[2] + v_V[7], v_V[1] + v_V[4] + V[5] + v_V[7], V[1] + v_V[7], V[4] + v_V[7], \\ (u_V[1] + V[2] + v_V[7], v_V[1] + v_V[4] + V[5] + v_V[7], V[1] + v_V[7], V[4] + v_V[7], \\ (u_V[1] + V[2] + v_V[7], v_V[1] + v_V[4] + V[5] + v_V[7], V[4] + v_V[7], \\ (u_V[1] + V[2] + v_V[7], v_V[1] + v_V[4] + V[5] + v_V[7], V[4] + v_V[7], \\ (u_V[1] + V[2] + v_V[7], v_V[1] + v_V[4] + V[5] + v_V[7], V[4] + v_V[7], \\ (u_V[1] + V[2] + v_V[7], v_V[1] + v_V[4] + V[6] + v_V[7], V[4], V[7], \\ (u_V[2] + V[3] + u_V[4], v_V[1] + v_V[4] + V[6] + v_V[7], V[4], V[7], \\ (u_V[2] + V[3] + u_V[4], v_V[1] + v_V[4] + V[6] + v_V[7], V[4], V[7], \\ (u_V[2] + V[3] + u_V[4], v_V[1] + v_V[4] + v_V[6], V[1], V[4], V[7], \\ (u_V[2] + V[3] + u_V[4], v_V[1] + v_V[4] + v_V[6], V[1], V[4], V[7], \\ (u_V[2] + V[3] + u_V[6], v_V[1] + v_V[6] + v_V[7], V[4] + v_V[7], \\ (u_V[2] + V[3] + u_V[6], v_V[1] + v_V[6] + v_V[7], V[4] + v_V[7], \\ (u_V[2] + V[3] + u_V[6], v_V[1] + v_V[6] + v_V[7], V[4] + v_V[7], \\ (u_V[2] + v_V[3] + u_V[6], v_V[1] + v_$	4	$\{V[3], v_1V[1] + V[6], x_1V[1] + V[2] + x_5V[5], y_1V[1]\}, \{V[3], v_1V[1] + V[6], V[5], y_1V[1]\}, \{V[5], v_1V[1], v_1V[1], v_1V[1], v_1V[1]\}, \{V[5], v_1V[1], v_1V[1], v_1V[1], v_1V[1]\}, \{V[5], v_1V[1], v_1V[1$
$ \begin{cases} V[2] + u_{V}[4], V[3] + u_{V}[6], V[4], V[7], V[2] + u_{V}[7], V[3] + u_{V}[6], V[4], V[7], \\ V[2] + u_{V}[5] + u_{V}[7], V[3], V[4], V[7], V[2] + u_{V}[4] + u_{V}[3], V[1], V[4] + v_{T}V[7], \\ V[2] + u_{V}[4], V[3] + u_{V}[7], V[3], V[1], V[7], V[2] + u_{V}[4] + u_{V}[7], V[3], V[4], V[7], \\ V[1] + V[2] + u_{V}[4], V[3], V[1], V[7], V[7], V[4] + u_{V}[7], V[3], V[4], V[7], \\ V[1] + V[2] + u_{V}[4], V[3], V[1], V[1] + V[7], V[3], V[4], V[7], V[7], \\ V[1] + u_{V}[4], V[3], V[4], V[7], V[3], V[4], V[7], V[3], V[4], V[7], \\ V[1] + u_{V}[4], V[3], V[4], V[7], V[4] + u_{V}[7], V[3], V[4], V[7], \\ V[1] + u_{V}[4], V[3], V[4], V[7], V[4] + u_{V}[7], V[4], V[7], \\ V[1] + V[6], u_{V}[1] + V[2] + u_{V}V[7], V[4], V[7], \\ (u_{V}V[1] + V[6], u_{V}V[1] + V[2] + u_{V}V[7], V[4], V[7], \\ (u_{V}V[1] + V[6], u_{V}V[1] + v_{V}V[1 + v_{V}V[7], V[4], V[7], \\ (u_{V}V[1] + V[6], u_{V}V[1] + v_{V}V[1 + v_{V}V[7], V[4], V[7], \\ (u_{V}V[1] + V[6], u_{V}V[1] + u_{V}V[1 + v_{V}V[1], V[4], V[7], \\ (u_{V}V[1] + V[6], u_{V}V[1] + u_{V}V[1 + v_{V}V[1], V[4], V[7], \\ (u_{V}V[1] + V[2] + u_{V}V[7], u_{V}V[1] + u_{V}V[4], V[7], \\ (u_{V}V[1] + V[2] + u_{V}V[7], u_{V}V[1] + u_{V}V[4] + V[7], V[4], V[7], \\ (u_{V}V[1] + V[2] + u_{V}V[7], u_{V}V[1] + u_{V}V[4] + V[7], V[4], V[7], \\ (u_{V}V[1] + V[2] + u_{V}V[7], u_{V}V[1] + u_{V}V[4] + V[7], V[4], V[7], \\ (u_{V}V[1] + V[2] + u_{V}V[7], u_{V}V[1] + u_{V}V[4] + V[7], V[4], V[7], \\ (u_{V}V[1] + V[2] + u_{V}V[7], u_{V}V[1] + u_{V}V[4] + V[7], V[4], V[7], \\ (u_{V}V[1] + V[2] + u_{V}V[4], u_{V}V[1] + u_{V}V[4] + V[7], V[4], V[7], \\ (u_{V}V[2] + V[3] + u_{V}V[3] + u_{V}V[4] + V[3] + u_{V}V[4] + V[3] + u_{V}V[4], V[7], \\ (u_{V}V[1] + U[2] + u_{V}V[4], u_{V}V[1] + u_{V}V[4] + V[7], \\ (u_{V}V[1] + u_{V}V[4], u_{V}V[1] + u_{V}V[4] + V[7], \\ (u_{V}V[2] + u_{V}V[3] + u_{V}V[4], u_{V}V[1] + u_{V}V[4] + v_{V}V[7], \\ (u_{V}V[2] + u_{V}V[3] + u_{V}V[6], u_{V}V[4] + V[6] + u_{V}V[7], \\ (u_{V}V[2] + u_{V}V[3] + u_{V}V[6], u_{V}V[4] + V[6] + u_{V}V[7], \\ (u_{V}V[2] + u_{V}V[3] + u_{V}V[6], u_{V}V[4] + v_{V}V[7], \\$		$\{V[2] + u_7V[7], V[5] + v_7V[7], V[3], y_7V[7]\}, \{V[2] + u_4V[4] + u_7V[7], V[5], V[3], y_4V[4] + y_7V[7]\}, V[4] + v_7V[7]\}, V[4] + v_7V[7], V[4] + v_7V[7]\}, V[4] + v_7V[7], V[4] + v_7V[7], V[4] + v_7V[7]\}, V[4] + v_7V[7], V[4] + v_7V[7], V[4] + v_7V[7]\}, V[4] + v_7V[7], V[4] + v_7V[7], V[4] + v_7V[7]\}, V[4] + v_7V[7], V[4] + v_7V[7], V[4] + v_7V[7]\}, V[4] + v_7V[7], V[4] + v_7V[7], V[4] + v_7V[7]\}, V[4] + v_7V[7], V[4] + v_7V[7], V[4] + v_7V[7], V[4] + v_7V[7]\}, V[4] + v_7V[7], V[4] $
$ \begin{cases} V[5] + av[7], V[3] + av[6], V[4], V[7], \{u,V[4] + v[5], V[3] + av[7], V[4], V[7], \\ (V[4] + av[7], uv[7], V[3], V[4], V[7], \{u,V[4] + av[7], V[3], V[1], V[4], V[7], \\ (u,V[1] + V[2] + uv[7], V[3], V[1], V[7], \{u,V[1] + V[2] + uv[7], V[3], V[4], V[7], \\ (u,V[1] + V[2] + uv[7], V[3], V[1], V[7], \{u,V[1] + V[2] + uv[7], V[3], V[1], V[7], \\ (u,V[1] + V[2] + uv[7], V[3], V[1], V[7], \{u,V[1] + V[2], V[3], V[1], V[7], \\ (u,V[1] + V[3], V[3], V[1], V[1], V[1] + vV[7], (u,V[1] + V[2], V[3], V[1], V[7], \\ (u,V[1] + V[3], V[3], V[1], V[1] + vV[7], uv[1] + V[1], V[1], V[1], V[7], \\ (u,V[1] + V[3], V[3], V[1], V[1] + vV[7] + uv[1] + uv[1] + V[1], V[1] + vV[7], V[1] + vV[7], V[1] + vV[7], uv[1] + vV[7], uv[1] + vV[7], uv[1] + vV[7], vv[1] + vV[7], vv[1] + vV[7], uv[1] + vV[7], uv[1] + vV[7], uv[1] + vV[7], uv[1] + vV[7], V[1] + vv[7], vv[1] + vv[7], uv[1] + vv[7], vv[1] + vv[7], V[1] + vv[7], V[1] + vv[7], vv[7], vv[1] + vv[7], vv[7],$		$\{V[2] + u_4V[4], V[3] + v_6V[6], V[4], V[7]\}, \{V[2] + u_7V[7], V[3] + v_6V[6], V[4], V[7]\}, V[3] + v_6V[6], V[4], V[7]\}, V[4] + v_6V[6], V[4], V[7]\}, V[4] + v_6V[6], V[4], V[6], V[4], V[6], V[6]$
$ \begin{cases} V ^2 + u_2 V[5] + u_2 V[7], V _2, V _1, V _2 + u_2 V[4] + u_2 V[4] + u_3 V[4], V _1, V _1, V _1, U _1, U _1, U _1 + u_2 V[4] + u_3 V[3], V _1, V _1, V _1, U _1, U _1, U _1 + u_2 V[4] + u_3 V[7], V _2, V _1, V _1, V _1, U _1, U _1, U _1, U _1, V _1, V _1, V _1, V _1, V _1, V _1, V _1, V _1, V _1, V _1, V _1, V _1, V _1, V _1, V _1, V _1, V _1, V _1, V _1, V _1, V _1, V _1, V _1, V $		$\{V[5] + u_7V[7], V[3] + v_6V[6], V[4], V[7]\}, \{u_4V[4] + V[5], V[6], V[6$
$ \begin{cases} u_1^{(1)} (1) + V[2] + u_2V[3], V[3], V[1], V[7]], V[2] + u_1V[4] + u_2V[3], V[4], V[7], V[4], V[7]), \\ \{u_1V[1] + V[2] + u_2V[7], V[3], V[1], V[7]), \{u_1V[1] + V[2] + u_2V[7], V[3], V[4], V[7]), \\ \{u_1V[1] + V[2] + u_2V[4], V[3], V[1], V[4] + u_2V[7], (u_1V[1] + V[2] + u_2V[7], V[3], V[4], V[7]), \\ \{u_1V[1] + V[3], V[4], V[4], V[7]), \{V[5] + u_2V[7], V[4], V[1] + V[2] + u_2V[7], V[4], V[7]), \\ \{u_1V[1] + V[5], V[3], V[4], V[4] + V[7]), \{u_1V[1] + V[6], u_1V[1] + V[2] + u_2V[7], V[4], V[7]), \\ \{u_1V[1] + V[6], u_1V[1] + V[2] + u_2V[7], U[4], V[7]), \\ \{u_1V[1] + V[6], u_1V[1] + V[2] + u_2V[7], V[4], V[7]), \\ \{u_1V[1] + V[6], u_1V[1] + u_2V[4] + V[5], V[4], V[7]), \\ \{u_1V[1] + V[6], u_1V[1] + u_2V[4] + V[7], V[4], V[7]), \\ \{u_1V[1] + V[2] + u_2V[7], u_1V[1] + u_2V[4] + V[5] + u_2V[7], V[1] + u_2V[7], V[4] + u_2V[7]), \\ \{u_1V[1] + V[2] + u_2V[7], u_1V[1] + u_2V[4] + V[5] + u_2V[7], V[1] + u_2V[7], V[4] + u_2V[7]), \\ \{u_1V[1] + V[2] + u_2V[4], u_1V[1] + u_2V[4] + V[5] + u_2V[7], V[1] + u_2V[7], V[4] + u_2V[7]), \\ \{u_1V[1] + V[2] + u_2V[4], u_1V[1] + u_2V[4] + V[5] + u_2V[7], V[1] + u_2V[7], V[4] + u_2V[7]), \\ \{u_1V[1] + V[2] + u_2V[4], u_1V[1] + u_2V[4] + V[5] + u_2V[7], V[4], V[7]), \\ \{u_2V[2] + V[3] + u_2V[6], u_2V[2] + u_2V[4] + V[6] + u_2V[7], V[4], V[7]), \\ \{u_2V[2] + V[3] + u_2V[5], u_2V[2] + u_2V[4] + V[6] + u_2V[7], V[4], V[7]), \\ \{u_2V[2] + V[3] + u_2V[5], u_2V[2] + u_2V[4] + U[5] + u_2V[7], V[4], V[7]), \\ \{u_2V[2] + V[3] + u_2V[5], u_2V[2] + u_2V[4] + u_2V[5], V[4], V[7]), \\ \{u_2V[2] + V[3] + u_2V[5], u_2V[2] + u_2V[4] + u_2V[5], V[4], V[7]), \\ \{u_2V[2] + V[3] + u_2V[5], u_2V[2] + u_2V[4] + u_2V[5], V[4], V[7]), \\ \{u_2V[2] + V[3] + u_2V[5], u_2V[2] + u_2V[4] + u_2V[5], V[4], V[7]), \\ \{u_2V[2] + V[3] + u_2V[5], u_2V[2] + u_2V[4] + u_2V[5], V[4], V[7]), \\ \{u_2V[2] + V[3] + u_2V[5], u_2V[2] + u_2V[4] + u_2V[5], V[4], V[7]), \\ \{u_2V[2] + V[3] + u_2V[5], u_2V[2] + u_2V[4] + u_2V[5], V[4], V[7]), \\ \{u_2V[2] + V[3] + u_2V[5], u_2V[2] + u_2V[4] + u_2V[5], V[4], V[7]), \\ \{u_2V[2] + V[3] + u_2V[5], u_2V[2] + u$		$\{V[2] + u_5V[5] + u_7V[7], V[3], V[4], V[7]\}, \{V[2] + u_5V[5], V[3], V[1], V[4] + u_7V[7]\}, \{V[2] + u_7V[7], V[3], V[1], V[2] + u_7V[7]\}, \{V[2] + u_7V[7], V[3], V[2] + u_7V[7]\}, \{V[2] + u_7V[7], V[3], V[2] + u_7V[7]\}, \{V[2] + u_7V[7], V[3], V[2] + u_7V[7]\}, V[3], V[3]$
$ \begin{cases} u, V[1] + V[2] + u_{V}[T], V[3], V[1], V[T] \}, (u_{V}[1] + V[2] + u_{V}[T], V[3], V[4], V[T] \}, \\ \{u, V[1] + V[2] + u_{V}[4], V[3], V[1], V[4] \}, (u_{V}[1] + V[2], V[3], V[1], V[T] \}, \\ \{u, V[1] + V[2] + u_{V}[4], V[3], V[1], V[4] + u_{V}[T], (u_{V}[1] + V[5], V[3], V[1], V[T] \}, \\ \{u, V[1] + V[5], V[3], V[1], V[4] + u_{V}[T], (u_{V}[1] + V[5], V[3], V[1], V[T] \}, \\ \{u, V[1] + V[5], V[3], V[1], V[2] + u_{V}[1] + u_{V}[5], V[1], V[T] \}, \\ \{u, V[1] + V[6], v_{V}[1] + V[2] + v_{V}[T], V[4], V[T] \}, \\ \{u, V[1] + V[6], v_{V}[1] + V[2] + v_{V}[T], V[4], V[T] \}, \\ \{u, V[1] + V[6], v_{V}[1] + v_{V}[2] + v_{V}[T], V[4], V[T] \}, \\ \{u, V[1] + V[6], v_{V}[1] + v_{V}[2] + v_{V}[T], V[4], V[T] \}, \\ \{u, V[1] + V[6], v_{V}[1] + v_{V}[2] + v_{V}[T], V[4] + v_{V}[5] + v_{V}[T], V[4] + v_{V}[7], V[4] + v_{V}[7], V[4] + v_{V}[7] \}, \\ \{u, V[1] + V[2] + v_{U}V[1, v_{V}[1] + u_{V}[4] + V[5] + v_{V}[T], V[1] + x_{V}V[T], V[4] + v_{V}[7], \\ \{u, V[1] + V[2] + u_{V}V[4], v_{V}[1] + u_{V}[4] + V[5] + v_{V}V[T], V[4] + v_{V}[7], \\ \{u, V[1] + V[2] + u_{U}V[4], v_{V}[1] + u_{V}V[4] + V[5] + v_{V}V[T], V[4], V[T] \}, \\ \{u, V[1] + V[2] + u_{U}V[4], v_{V}[1] + u_{V}V[4] + V[5] + v_{V}V[T], V[4], V[T] \}, \\ \{u, V[2] + V[3] + u_{V}V[4], v_{V}[1] + u_{V}V[4] + V[5] + v_{V}V[T], V[4], V[T] \}, \\ \{u, V[2] + V[3] + u_{V}V[4], v_{V}[1] + u_{V}V[4] + V[5] + v_{V}V[T], V[4], V[T] \}, \\ \{u, V[2] + V[3] + u_{V}V[4], v_{V}V[1] + v_{V}V[2] + v_{V}V[4] + v_{V}V[5], V[4], V[T] \}, \\ \{u, V[2] + V[3] + u_{V}V[5], v_{V}V[1] + v_{V}V[2] + v_{V}V[4] + v_{V}V[T], V[4], V[T] \}, \\ \{u, V[2] + V[3] + u_{V}V[5], v_{V}V[1] + v_{V}V[2] + v_{V}V[4] + v_{V}V[5], V[4], V[T] \}, \\ \{u, V[2] + V[3] + u_{V}V[5], v_{V}V[1] + v_{V}V[2] + v_{V}V[4] + v_{V}V[7] \}, \\ \{u, V[2] + V[3] + u_{V}V[5], v_{V}V[1] + v_{V}V[2] + v_{V}V[4] + v_{V}V[7] \}, \\ \{u, V[2] + V[3] + u_{V}V[5], v_{V}V[1] + v_{V}V[2] + v_{V}V[4] + v_{V}V[7] \}, \\ \{u, V[2] + V[3] + u_{V}V[5], v_{V}V[1] + v_{V}V[2] + v_{V}V[4] + v_{V}V[7] \}, \\ \{u, V[2] + v_{V}V[3] + u_{V}V[5], v_{V}V[1] + v_{V}V[2] + v_{V}V[3] + v_{V}V[7] \}, $		$\{u_1, V_{11}\} + V_{12}\} + u_{\pi}V_{12}\{V_{11}\} + V_{11}\{V_{11}\} + V_{12}\{V_{12}\} + u_{\pi}V_{13}\{V_{11}\} + u_{\pi}V_{13}\{V_{12}\} + u_{\pi}V_{13}\{V_{12}\} + u_{\pi}V_{13}\{V_{13}\} + u_{\pi$
$ \begin{array}{l} (u) V[1] + V[2] + uV[4], V[3], V[1], V[4], (u) V[1] + V[2], V[3], V[1], V[2], V[1], V[2], \\ (V[2] + uV[4], V[3], V[4], V[7], (V[3] + uV[7], V[3], V[4], V[7], \\ (u) V[1] + V[5], V[3], V[4], V[7], (u) V[1] + V[6], u, V[1] + V[2] + u_0V[5] + u_1V[7], V[4], V[7], \\ (u) V[1] + V[6], uV[1] + V[2] + uV[4] + uV[5], V[4], V[7], \\ (u) V[1] + V[6], uV[1] + V[2] + uV[4] + uV[5], V[4], V[7], \\ (u) V[1] + V[6], uV[1] + V[2] + uV[4] + uV[5], V[4], V[7], \\ (u) V[1] + V[6], uV[1] + uV[4] + uV[5] + uV[7], V[4], V[7], \\ (u) V[1] + V[6], uV[1] + uV[4] + uV[5] + uV[7], V[4], V[7], \\ (u) V[1] + V[6], uV[1] + uV[4] + V[5] + vV[7], V[4] + uV[7], V[4] + uV[7], V[4] + uV[7], \\ (u) V[1] + V[2] + uV[7], uV[1] + uV[4] + V[5] + vV[7], V[1] + uV[4] + V[7], \\ (u) V[1] + V[2] + uV[7], uV[1] + uV[4] + V[5] + vV[7], V[1] + uV[4] + V[7], \\ (u) V[1] + V[2] + uV[7], uV[1] + uV[4] + V[5] + vV[7], V[1] + uV[4] + V[7], \\ (u) V[1] + V[2] + uV[3], uV[1] + uV[4] + V[5] + vV[7], V[1] + uV[4] + V[7], \\ (u) V[1] + V[2] + uV[3], uV[1] + uV[4] + V[5] + vV[7], V[1] + uV[4] + V[7], \\ (u) V[1] + V[2] + uV[4], uV[1] + uV[4] + V[5] + vV[7], V[1] + uV[4] + V[7], \\ (u) V[2] + V[3] + uV[5], uV[1] + uV[4] + V[6] + vV[7], V[4] + V[7], \\ (u) V[2] + V[3] + uV[6], uV[2] + uV[4] + V[6] + vV[7], V[4] + V[7], \\ (u) V[2] + V[3] + uV[6], vU[2] + uV[4] + V[6] + vV[7], V[4] + V[7], \\ (u) V[2] + V[3] + uV[5], vV[1] + uV[2] + uV[5] + VV[7], V[4] + V[7], \\ (u) V[2] + V[3] + uV[5], vV[1] + vV[2] + uV[5] + VV[7], V[4] + V[7], \\ (u) V[2] + V[3] + uV[5], vV[1] + vV[2] + uV[5] + VV[7], V[4] + V[7], \\ (u) V[2] + V[3] + uV[5], vV[1] + vV[2] + uV[5] + VV[7], V[4] + V[7], \\ (u) V[2] + V[3] + uV[5], vV[1] + vV[2] + uV[5] + VV[7], V[4] + V[7], \\ (u) V[2] + V[3] + uV[5], vV[1] + vV[2] + uV[6] + vV[7], V[4] + V[7], \\ (u) V[2] + V[3] + uV[5], vV[1] + vV[2] + uV[7] + vV[7], V[4] + V[7], \\ (u) V[2] + V[3] + uV[5] + V[6], vV[1] + vV[7] + V[1] + V[1], V[1], \\ (u) V[2] + V[3] + uV[5] + V[6], vV[1] + vV[7] + V[1] + vV[7], \\ (u) V[2] + V[3] + uV[5] + V[6], vV[1] + V[2] + uV[7] + V[3] + vV[7], \\$		$[u_1, [v_1] + V_{[2]}] + u_3, [v_3], [v_1], [v_1], [v_1], [v_1] + V_{[2]} + u_3, [v_3], [v_3], [v_1], [v_1], [v_1], [v_1] + V_{[2]} + u_3, [v_3], [v_3], [v_1], [v_1], [v_1], [v_1] + V_{[2]} + u_3, [v_1], [v_1], [v_1], [v_1], [v_1] + V_{[2]} + u_3, [v_1], [v_1], [v_1], [v_1] + V_{[2]} + u_3, [v_1], [v$
$ \begin{array}{l} (01) (0) + (2) + (2) + (0) + (1) + (2) + (2) + (2) + (2) + (1) +$		$\begin{bmatrix} u_1 & i_1 \\ \dots & i_n \end{bmatrix} + u_1 + u_1 + u_1 + [v_1], [v_1], [v_1], [v_1] + [v_1] + v_1 + [v_1] + u_1 + [v_1], [v_1], [v_1], [v_1], [v_1] + v_1 + +$
$ \begin{array}{l} \left\{ \begin{array}{l} \left\{ V_{1} \left\{ V_{1} + V_{1} \right\}, V_{1} = V_{1} + $		$[U_1 v \mid 1 \mid \top v \mid 2] \mid \tau \mid 4v \mid [4], v \mid 0], v \mid 1], v \mid 4], \langle u_1 v \mid 1] \mid \tau \mid 2], v \mid 0], v \mid 1], v \mid 1],$
$ \begin{array}{l} (u, V 1 + V 3), (V 1), V 1 + yV 1), (u, V 1) + V 3), (V 1), V 1), V 1), \\ (u, V 1 + V 6), u, V 1 + V 2) + u_V 1 + u_V 1 + V 1 + V 1 + v_V 1 + v_V $		$\begin{bmatrix} V \ [2] + u_4 V \ [4], V \ [3], V \ [4], V \ [4], V \ [3], V \ [3] + u_4 V \ [4], V \ [3], V \ [4], V \ [4]$
$ \begin{cases} 4_{4} V[a] + V[b], V[a], V[a], V[a], V[a], V[a], V[a], V[b], V[a], $		$\{u_1 V [1] + V [3], V [3], V [1], V [4] + y_7 V [1]\}, \{u_1 V [1] + V [3], V [3], V [1], V [1]\}, V [4]\}, V [4], V$
$ \begin{cases} 4n V [1] + V[6], nv V[1] + V[2] + nv V[7], V[4], V[7], V(1], V(6], nv V[1] + V[2] + n_4V[4], V[4], V[7], \\ (4n V[1] + V[6], nv V[1] + n_6V[4] + V[5], V[4], V[7], \\ (4n V[1] + V[6], nv V[1] + n_6V[4] + V[5] + r_7V[7], V[1] + x_7V[7], V[4] + y_7V[7], \\ (4n V[1] + V[2] + nu V[7], nv V[1] + nu V[4] + V[5] + r_7V[7], V[1] + x_7V[7], V[4] + y_7V[7], \\ (4n V[1] + V[2] + nu V[7], nv V[1] + nu V[4] + V[5] + r_7V[7], V[1] + x_7V[7], V[4] + y_7V[7], \\ (4n V[1] + V[2] + nu V[7], nv V[1] + nu V[4] + V[5] + r_7V[7], V[1] + x_7V[7], V[4] + y_7V[7], \\ (4n V[1] + V[2] + nu V[4], nv V[1] + nu V[4] + V[5] + r_7V[7], V[4], V[7], \\ (4n V[1] + V[2] + nu V[4], nv V[1] + nu V[4] + V[5] + r_7V[7], V[4], V[7], \\ (4n V[1] + V[2] + nu V[4], nv V[1] + nu V[4] + V[5] + r_7V[7], V[4], V[7], \\ (4n V[1] + V[2] + nu V[4], nv V[1] + nu V[4] + V[5] + r_7V[7], V[4], V[7], \\ (4n V[1] + V[2] + nu V[4], nv V[1] + nu V[4] + V[6] + r_7V[7], V[4], V[7], \\ (4n V[1] + nu V[2] + nu V[4] + nu V[4] + V[6] + r_7V[7], V[4], V[7], \\ (4n V[2] + V[3] + nu V[5] + nu V[6], r_2V[2] + ru V[4] + r_5V[5] + r_7V[7], V[4], V[7], \\ (4n V[2] + V[3] + nu V[5] + nu V[6], r_2V[2] + ru V[4] + ru V[5], V[4], V[7], \\ (4n V[2] + V[3] + nu V[5], nu V[1] + ru V[2] + ru V[5] + rv V[7], V[4], V[7], \\ (4n V[2] + V[3] + nu V[5], nu V[1] + ru V[2] + ru V[5] + rv V[7], V[4], V[7], \\ (4n V[2] + V[3] + nu V[5], nu V[1] + ru V[2] + ru V[5] + rv V[7], V[4], V[7], \\ (4n V[2] + V[3] + nu V[5], ru V[2] + ru V[4] + ru V[5] + rv V[7], V[4], V[7], \\ (4n V[1] + ru V[2] + nu V[5] + ru V[4] + ru V[5] + rv V[7], V[4], V[7], \\ (4n V[1] + ru V[2] + nu V[5], ru V[2] + ru V[4] + ru V[4] + ru V[4] + ru V[4], ru V[7], \\ (4n V[1] + ru V[2] + nu V[5], ru V[1] + ru V[2] + ru V[4] + ru V[7], \\ (4n V[1] + ru V[2] + nu V[5], ru V[1] + ru V[4] + ru V[4] + ru V[7], \\ (4n V[1] + ru V[2] + nu V[5], ru V[1] + ru V[4] + ru V[7], \\ (4n V[1] + ru V[2] + nu V[5], ru V[1] + ru V[4] + ru V[7], \\ (4n V[1] + ru V[2] + nu V[5], ru V[1] + ru V[4] + ru V[7], \\ (4n V[1] + V[2] + nu V[6], ru V[1], ru V[1] + ru V[2] + ru V[7],$		$\{u_4V[4] + V[5], V[3], V[4], V[\ell]\}, \{u_1V[1] + V[6], v_1V[1] + V[2] + v_5V[5] + v_7V[\ell], V[4], V[\ell]\}, \{u_1V[1] + V[6], v_1V[1] + V[2] + v_5V[5] + v_7V[\ell], V[4], V[\ell]\}, \{u_1V[1] + V[6], v_1V[1] + V[6] + v_1V[\ell] + v_$
$ \begin{cases} u_1 V[1] + V[6], v_1V[1] + V[2] + v_1V[7], V[4], V[7], \{u_1V[1] + V[6], v_1V[1] + V[2] + v_2V[4], V[4], V[7], \\ \{u_1V[1] + V[2], v_1V[1], v_1V[1] + v_1V[4] + V[5] + v_7V[7], V[1] + x_7V[7], V[4] + y_7V[7], \\ \{u_1V[1] + V[2] + v_1V[7], v_1V[1] + v_1V[4] + V[5] + v_7V[7], V[1] + x_7V[7], V[4] + y_7V[7], \\ \{u_1V[1] + V[2] + v_1V[7], v_1V[1] + v_1V[4] + V[5] + v_7V[7], V[1] + x_7V[7], V[4] + y_7V[7], \\ \{u_1V[1] + V[2] + u_3V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_7V[7], V[4] + y_7V[7], \\ \{u_1V[1] + V[2] + u_3V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_4V[4], V[7], \\ \{u_1V[1] + V[2] + u_3V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[4], V[7], \\ \{u_2V[2] + V[3] + u_6V[5], v_5V[2] + u_4V[4] + V[6] + v_7V[7], V[4], V[7], \\ \{u_2V[2] + V[3] + u_6V[5], v_5V[2] + u_4V[4] + V[6] + v_7V[7], V[4], V[7], \\ \{u_2V[2] + V[3] + u_6V[5], v_4V[2] + v_4V[4] + v_6V[5] + v_7V[7], V[4], V[7], \\ \{u_2V[2] + V[3] + u_6V[5], v_4V[1] + v_4V[2] + v_6V[5] + v_7V[7], V[4], V[7], \\ \{u_2V[2] + V[3] + u_6V[5], v_4V[1] + v_4V[2] + v_6V[5] + v_7V[7], V[4], V[7], \\ \{u_2V[2] + V[3] + u_6V[5], v_4V[1] + v_4V[2] + v_6V[5] + v_7V[7], V[4], V[7], \\ \{u_2V[2] + V[3] + u_6V[5], v_4V[1] + v_4V[2] + v_6V[5] + v_7V[7], V[4], V[7], \\ \{u_2V[2] + V[3] + u_6V[5], v_4V[1] + v_4V[2] + v_6V[5] + v_7V[7], V[4], V[7], \\ \{u_2V[2] + V[3] + u_6V[5], v_4V[2] + v_4V[4] + v_5V[5] + V[6], V[1], V[4], \\ \{u_2V[2] + V[3] + u_6V[5], v_4V[2] + u_4V[4] + v_5V[5] + v_6V[7], V[4], V[7], \\ \{u_4V[1] + u_2V[2] + u_5V[5] + V[6], v_1[1] + v_2V[2] + v_5V[5] + v_7V[7], V[4], V[7], \\ \{u_4V[1] + u_2V[2] + u_5V[5] + V[6], v_1[1] + v_2V[2] + v_5V[5] + v_7V[7], V[4], V[7], \\ \{u_1V[1] + v_2V[2] + u_5V[5] + V[6], v_1[1] + v_2V[2] + v_5V[5] + v_7V[7], V[4], V[7], \\ \{u_1V[1] + V[2] + u_4V[4] + v_5V[5], V[1], V[4] + v_5V[5], V[1], V[4], V[7], \\ \{u_1V[1] + V[2] + u_5V[5] + V[6], V[1], V[4], V[7], \\ \{u_1V[1] + V[2] + u_5V[5] + V[6], V[1], V[4], V[7], \\ \{u_1V[1] + V[2] + u_5V[5] + V[6], V[1], V[4], V[7], \\ \{u_1V[1] + V[2] + u_5V[5], V[3], V[4] + V[5], V[4], V[7], \\ \{u_1V[1] + V[2] + u$		$\{u_1V[1] + V[6], v_1V[1] + V[2] + v_4V[4] + v_5V[5], V[4], V[7]\},\$
$ \begin{cases} u_1 V[1] + V[6], v_1V[1] + v_1V[4] + V[5], V[4], V[7] \} \\ (u_1V[1] + V[6], v_1V[1] + v_1V[4] + V[5] + v_1V[7], V[1] + x_2V[7], V[4] + y_7V[7] \} \\ (u_1V[1] + V[2] + u_7V[7], v_1V[1] + u_1V[4] + V[5] + v_7V[7], V[1] + x_4V[4], V[7] \} \\ (u_1V[1] + V[2] + u_7V[7], v_1V[1] + u_1V[4] + V[5] + v_7V[7], V[1] + x_7V[7], V[4] + y_7V[7] \} \\ (u_1V[1] + V[2] + u_7V[4], v_1V[1] + u_1V[4] + V[5] + v_7V[7], V[1] + x_7V[7], V[4] + y_7V[7] \} \\ (u_1V[1] + V[2] + u_8V[4], v_1V[1] + u_1V[4] + V[5] + v_7V[7], V[1] + x_7V[7], V[4] + y_7V[7] \} \\ (u_1V[1] + V[2] + u_8V[4], v_1V[1] + u_1V[4] + V[5] + v_7V[7], V[1] + x_7V[7], V[4] + y_7V[7] \} \\ (u_2V[2] + V[3] + u_8V[5], v_1V[2] + u_1V[4] + V[6] + v_7V[7], V[4], V[7] \} \\ (u_2V[2] + V[3] + u_8V[5] + u_1V[6], v_2V[2] + v_8V[5] + v_7V[7], V[4], V[7] \} \\ (u_2V[2] + V[3] + u_8V[5] + v_1V[6], v_2V[2] + v_8V[5] + v_7V[7], V[4], V[7] \} \\ (u_2V[2] + V[3] + u_8V[5], v_1V[1] + v_2V[2] + v_8V[5] + v_7V[7], V[4], V[7] \} \\ (u_2V[2] + V[3] + u_8V[5], v_1V[1] + v_2V[2] + v_8V[5] + v_7V[7], V[4], V[7] \} \\ (u_2V[2] + V[3] + u_8V[5], v_1V[1] + v_2V[2] + v_8V[5], V[4], V[7] \} \\ (u_2V[2] + V[3] + u_8V[5], v_2V[2] + u_4V[4] + v_8V[5] + V[6], V[4], V[7] \} \\ (u_2V[2] + V[3] + u_8V[5], v_2V[2] + u_4V[4] + v_8V[5] + V[6], V[4], V[7] \} \\ (u_2V[2] + V[3] + u_8V[5], v_1V[1] + v_2V[2] + v_8V[5] + vV[6], V[4], V[7] \} \\ (u_2V[2] + V[3] + u_8V[5], v_1V[2] + u_4V[4] + v_8V[5] + V[6], V[4], V[7] \} \\ (u_2V[2] + V[3] + u_8V[5], v_1V[2] + u_4V[4] + v_8V[5] + V[6], V[4], V[7] \} \\ (u_2V[2] + V[3] + u_8V[5], v_1V[2] + u_4V[4] + v_8V[5] + V[6], V[4], V[7] \} \\ (u_2V[2] + V[3] + u_8V[5], v_1V[2] + u_8V[4] + V[6] + V[4] + v_8V[5] + V[4], V[7] \} \\ (u_2V[2] + V[3] + u_8V[5], v_1V[1] + v_2V[2] + u_8V[4] + v_8V[5] + v_1V[1] + V[4] + V[7] \\ (u_2V[2] + V[3] + u_8V[5], V[6], V[1] + V[2] + u_8V[4] + v_8V[5] + v_1V[7] \\ (u_1V[1] + v_2V[2] + u_8V[5], V[1] + V[4] + v_8V[5] + v_1V[7] + V[4] + v_1V[7] \\ (u_1V[1] + v_2V[2] + u_8V[5] + V[6], V[1] + V[4] + v_8V[5] + v_8V[7] \\ (u_1V[1] + V[2] + u_8V[5] + V[6], V[1] + V[4] + V[6] + v_1V[4] + V[$		$\{u_1V[1] + V[6], v_1V[1] + V[2] + v_7V[7], V[4], V[7]\}, \{u_1V[1] + V[6], v_1V[1] + V[2] + v_4V[4], V[4], V[7]\}, \{u_1V[1] + V[6], v_1V[1] + V[2] + v_4V[4], V[4], V[7]\}, \{u_1V[1] + V[6], v_1V[1] + V[2] + v_4V[4], V[4], V[7]\}, \{u_1V[1] + V[6], v_1V[1] + V$
$ \begin{cases} u_1V[1] + V[6], v_1V[1] + u_1V[4] + V[5], V[4], V[7], \\ u_1V[1] + V[2] + u_7V[7], v_1V[1] + u_4V[4] + V[5] + v_7V[7], V[1] + x_7V[7], V[4] + y_7V[7], \\ \{u_1V[1] + V[2] + u_7V[7], v_1V[1] + u_4V[4] + V[5] + v_7V[7], V[4], v_7V[7], \\ \{u_1V[1] + V[2] + u_4V[4], v_1V[1] + u_4V[4] + V[5] + v_7V[7], V[4], v_7V[7], \\ \{u_1V[1] + V[2] + u_4V[4], v_1V[1] + u_4V[4] + V[5] + v_7V[7], V[4], V[7], \\ \{u_1V[1] + V[2] + u_4V[4], v_1V[1] + u_4V[4] + V[5] + v_7V[7], V[4], V[7], \\ \{u_1V[1] + V[2] + u_4V[4], v_1V[1] + u_4V[4] + V[5] + v_7V[7], V[4], V[7], \\ \{u_2V[2] + V[3] + u_6V[5], v_2V[2] + u_4V[4] + V[6] + v_7V[7], V[4], V[7], \\ \{u_2V[2] + V[3] + u_6V[5], v_2V[2] + v_4V[4] + V[6] + v_7V[7], V[4], V[7], \\ \{u_2V[2] + V[3] + u_5V[5], v_4V[2] + v_6V[5], v_1V[1] + v_7V[7], V[4], V[7], \\ \{u_2V[2] + V[3] + u_6V[5], v_1V[1] + v_9V[2] + v_5V[5], V[1], V[1], \\ \{u_2V[2] + V[3] + u_6V[5], v_1V[1] + v_9V[2] + v_5V[5], V[1], V[7], \\ \{u_2V[2] + V[3] + u_6V[5], v_1V[1] + v_9V[2] + v_5V[5], V[1], V[7], \\ \{u_2V[2] + V[3] + u_6V[5], v_2V[2] + u_4V[4] + v_5V[5] + v_7V[7], V[4], V[7], \\ \{u_2V[2] + V[3] + u_6V[5], v_2V[2] + u_4V[4] + v_5V[5], V[1], V[7], \\ \{u_2V[2] + V[3] + u_6V[5], v_2V[2] + u_4V[4] + v_5V[5] + V[6], V[6], V[1], V[7], \\ \{u_2V[2] + V[3] + u_6V[5], v_2V[2] + u_4V[4] + v_5V[5], V[6], V[1], V[7], \\ \{u_2V[2] + V[3] + u_6V[5], v_2V[2] + u_4V[4] + v_5V[5], V[6], V[1], V[7], \\ \{u_2V[2] + V[3] + u_6V[5], v_2V[2] + u_4V[4] + v_5V[5], V[1], V[7], \\ \{u_2V[2] + V[3] + u_6V[5], v_1V[1] + v_2V[2] + v_6V[6], V[1], V[7], \\ \{u_2V[2] + V[3] + u_6V[5], V[2] + u_4V[4] + v_5V[5], V[1], V[4], V[7], \\ \{u_2V[2] + V[3] + u_6V[5], v_1V[1] + v_2V[2] + v_6V[6], V[1], V[4], V[7], \\ \{u_2V[2] + V[3] + u_6V[5], V[2] + u_4V[4] + v_5V[5], V[1], V[4], V[7], \\ \{u_1V[1] + u_2V[2] + u_6V[5], V[1], V[4], V[7], \\ \{u_1V[1] + u_2V[2] + u_6V[6], V[1], V[4], V[7], \\ \{u_1V[1] + u_2V[2] + u_6V[6], V[1], V[4], V[7], \\ \{u_1V[1] + V[2] + u_6V[6], V[1], V[4], V[7], \\ \{u_1V[1] + V[2] + u_6V[6], V[1], V[4], V[7], \\ \{u_1V[1] + V[2] + u_6V[6], V[1], V[4], V[7], \\ \{u_1V[1] + V[2] +$		$\{u_1V[1] + V[6], v_1V[1] + V[5] + v_7V[7], V[4], V[7]\}$
$ \begin{cases} u_1V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + v_7V[7], V[4] + v_7V[7], \\ \{u_1V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[4], V[7]], \\ \{u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[4], v_7V[7], \\ \{u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[4], v_7V[7], \\ \{u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[4], v_7V[7], \\ \{u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[4], v_7V[7], \\ \{u_2V[2] + V[3] + u_6V[5], v_2V[2] + v_4V[4] + V[6] + v_7V[7], V[4], V[7], \\ \{u_2V[2] + V[3] + u_6V[5], v_2V[2] + v_4V[4] + V[6] + v_7V[7], V[4], V[7], \\ \{u_2V[2] + V[3] + u_6V[5], v_1V[1] + v_2V[2] + v_6V[5] + v_7V[7], V[4], V[7], \\ \{u_2V[2] + V[3] + u_6V[5], v_1V[1] + v_2V[2] + v_6V[5] + v_7V[7], V[4], V[7], \\ \{u_2V[2] + V[3] + u_6V[5], v_1V[1] + v_2V[2] + v_6V[5] + v_7V[7], V[4], V[7], \\ \{u_2V[2] + V[3] + u_6V[5], v_2V[2] + v_4V[4] + v_6V[5], V[4], V[7], \\ \{u_2V[2] + V[3] + u_6V[5], v_2V[2] + v_4V[4] + v_5V[5], V[4], V[7], \\ \{u_2V[2] + V[3] + u_6V[5], v_2V[2] + v_4V[4] + v_5V[5], V[4], V[7], \\ \{u_2V[2] + V[3] + u_6V[5], v_2V[2] + v_4V[4] + v_5V[5], V[4], V[7], \\ \{u_2V[2] + V[3] + u_6V[5], v_2V[2] + v_4V[4] + v_5V[5], V[4], V[7], \\ \{u_2V[2] + V[3] + u_6V[5], v_1V[1] + v_2V[2] + v_6V[5] + v_7V[7], V[4], V[7], \\ \{u_2V[2] + V[3] + u_6V[5], v_1V[1] + v_2V[2] + v_6V[5] + v_7V[7], V[4], V[7], \\ \{u_2V[2] + V[3] + u_6V[5], v_1V[1] + v_2V[2] + v_6V[5] + v_7V[7], V[4], V[7], \\ \{u_2V[2] + V[3] + u_6V[5], V[1], v_1V[4] + v_5V[5] + V[6], V[4], V[7], \\ \{u_2V[2] + V[3] + u_6V[5], V[1] + v_2V[2] + v_6V[5] + v_7V[7], V[4], V[7], \\ \{u_2V[2] + V[3] + u_6V[5], V[1] + v_2V[2] + v_6V[6], V[4], V[7], \\ \{u_1V[1] + u_2V[2] + u_8V[5] + V[6], V[1], V[4], V[7], \\ \{u_1V[1] + u_2V[2] + u_8V[5], V[1], V[4], V[7], \\ \{u_1V[1] + u_2V[2] + u_8V[5], V[1], V[4], V[7], \\ \{u_1V[1] + V[2] + u_8V[6], V[1], V[4], V[7], \\ \{u_1V[1] + V[2] + u_8V[7], V[1], V[4], V[7], \\ \{u_1V[1] + V[2] + u_8V[7], V[1], V[4], V[7], \\ \{u_1V[1] + V[2] + u_8V[7], V[1], V[4], V[7], \\ \{$		$\{u_1V[1] + V[6], v_1V[1] + v_4V[4] + V[5], V[4], V[7]\},\$
$ \begin{cases} u_1V[1] + V[2] + u_7V[7], v_1V[1] + u_4V[4] + V[5] + v_7V[7], V[4], V[7], \\ \{u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[4] + v_7V[7], V[4] + y_7V[7], \\ \{u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[4] + v_7V[7], \\ \{u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[4], V[7], \\ \{u_2V[2] + V[3] + u_5V[5], v_2V[2] + v_4V[4] + V[6] + v_7V[7], V[4], V[7], \\ \{u_2V[2] + V[3] + u_5V[5], v_2V[2] + v_4V[4] + V[6] + v_7V[7], V[4], V[7], \\ \{u_2V[2] + V[3] + u_5V[5], v_4V[2] + v_4V[4] + v_6V[5], V[4], V[7], \\ \{u_2V[2] + V[3] + u_5V[5], v_4V[2] + v_4V[4] + v_5V[5], V[4], V[7], \\ \{u_2V[2] + V[3] + u_5V[5], v_1V[1] + v_2V[2] + v_5V[5] + v_7V[7], V[4], V[7], \\ \{u_2V[2] + V[3] + u_5V[5], v_1V[1] + v_2V[2] + v_5V[5], V[1], V[4] + v_7V[7], \\ \{u_2V[2] + V[3] + u_5V[5], v_1V[1] + v_2V[2] + v_5V[5], V[1], V[7], \\ \{u_2V[2] + V[3] + u_5V[5], v_7V[2] + v_4V[4] + v_5V[5], V[1], V[7], \\ \{u_2V[2] + V[3] + u_5V[5], v_2V[2] + v_4V[4] + v_5V[5], V[1], V[7], \\ \{u_2V[2] + V[3] + u_5V[5], v_2V[2] + v_4V[4] + v_5V[5] + V[6], V[1], V[7], \\ \{u_2V[2] + V[3] + u_5V[5], v_2V[2] + v_4V[4] + v_5V[5] + V[6], V[1], V[7], \\ \{u_2V[2] + V[3] + u_5V[5], v_2V[2] + v_4V[4] + v_5V[5] + V[6], V[1], V[7], \\ \{u_2V[2] + V[3] + u_5V[5], v_1V[1] + v_2V[2] + v_4V[4] + v_5V[5], V[4], V[7], \\ \{u_1V[1] + u_2V[2] + u_5V[5] + V[6], v_1V[1] + v_2V[2] + v_5V[5] + v_6[0], V[1], V[4], V[7], \\ \{u_1V[1] + u_2V[2] + u_5V[5] + v_5V[6], v_1V[1] + v_2V[2] + v_5V[5] + v_6[1], V[1], V[4], V[7], \\ \{u_1V[1] + u_2V[2] + u_5V[5] + V[6], v_1V[1] + v_2V[2] + v_5V[5] + v_6[4], V[7], \\ \{u_1V[1] + V[2] + u_5V[7], V[1], V[4], V[7], \\ \{u_1V[1] + V[2] + u_5V[7], V[1], V[4], V[7], \\ \{u_1V[1] + V[2] + u_5V[5], V[1], V[4], V[7], \\ \{u_1V[1] + V[2] + u_5V[5], V[1], V[4], V[7], \\ \{u_1V[1] + V[2] + u_5V[5], V[1], V[4], V[7], \\ \{u_1V[1] + V[2] + u_5V[5], V[1], V[4], V[7], \\ \{u_1V[1] + V[2] + u_5V[5], V[1], V[4], V[7], \\ \{u_1V[1] + V[2] + u_5V[5], V[1], V[4], V[7], \\ \{u_1V[1] + V[2] + u_5V[5], V[1], V[4], V[7], \\ \{u_1V[1] + V[2] + u_5V[7], V[1], V[4$		$\{u_1V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + x_7V[7], V[1] + x_7V[7], V[4] + y_7V[7]\},$
$ \begin{cases} u_1V[1] + V[2] + u_1V[1], v_1V[1] + v_1V[4] + V[5] + v_2V[7], V[4], V[7], \\ \{u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_1V[4] + V[5] + v_7V[7], V[1] + x_7V[7], V[4] + y_7V[7], \\ \{u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_1V[4] + V[5] + v_7V[7], V[4], V[7], \\ \{u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_1V[4] + V[5] + v_7V[7], V[4], V[7], \\ \{u_2V[2] + V[3] + u_5V[5], v_2V[2] + v_1V[4] + V[6] + v_7V[7], V[4], V[7], \\ \{u_2V[2] + V[3] + u_5V[5], v_2V[2] + v_1V[4] + V[6] + v_7V[7], V[4], V[7], \\ \{u_2V[2] + V[3] + u_5V[5], v_1V[1] + v_2V[2] + v_5V[5] + v_7V[7], V[4], V[7], \\ \{u_2V[2] + V[3] + u_5V[5], v_1V[1] + v_2V[2] + v_5V[5] + v_7V[7], V[4], V[7], \\ \{u_2V[2] + V[3] + u_5V[5], v_1V[1] + v_2V[2] + v_5V[5] + v_7V[7], V[4], V[7], \\ \{u_2V[2] + V[3] + u_5V[5], v_1V[1] + v_2V[2] + v_5V[5] + v_7V[7], V[4], V[7], \\ \{u_2V[2] + V[3] + u_5V[5], v_1V[1] + v_2V[2] + v_5V[5] + V[6], V[1], V[7], \\ \{u_2V[2] + V[3] + u_5V[5], v_2V[2] + v_1V[4] + v_5V[5], V[4], V[7], \\ \{u_2V[2] + V[3] + u_5V[5], v_2V[2] + v_3V[5] + V[6] + v_7V[7], V[4], V[7], \\ \{u_2V[2] + V[3] + u_5V[5], v_2V[2] + v_3V[4] + v_5V[5] + V[6], V[4], V[7], \\ \{u_2V[2] + V[3] + u_5V[5], v_2V[2] + v_3V[4] + v_5V[5] + V[6], V[4], V[7], \\ \{u_2V[2] + V[3] + u_5V[5], v_2V[2] + v_3V[4] + v_5V[5] + V[6], V[4], V[7], \\ \{u_1V[1] + u_2V[2] + u_5V[5] + V[6], v_1V[1] + v_2V[2] + v_3V[4] + v_5V[5], V[4], V[7], \\ \{u_1V[1] + u_2V[2] + u_5V[5] + V[6], v_1V[1] + v_2V[2] + v_4V[4] + v_5V[5], V[4], V[7], \\ \{u_1V[1] + v_2V[2] + u_5V[5] + V[6], v_1V[1] + V[2] + v_4V[4] + v_5V[5], V[4], V[7], \\ \{u_1V[1] + V[2] + u_4V[4] + v_5V[5], V[1], V[4], V[7], \\ \{u_1V[1] + V[2] + u_4V[4] + v_5V[5], V[1], V[4], V[7], \\ \{u_1V[1] + V[2] + u_4V[4] + v_5V[5], V[1], V[4], V[7], \\ \{u_1V[1] + V[2] + u_4V[4] + v_5V[5], V[1], V[4], V[7], \\ \{u_1V[1] + V[2] + u_5V[7], V[1], V[4], V[7], \\ \{u_1V[1] + V[2] + u_5V[7], V[1], V[4], V[7], \\ \{u_1V[1] + V[2] + u_5V[7], V[1], V[4], V[7], \\ \{u_1V[1] + V[2] + u_5V[7], V[1], V[4], V[7], \\ \{u_1V[1] + V[2] + u_5V[7], V[1], V[4], V[7], \\ \{u_1V[1] + V[2] + u_5V[7], V[1], V[4], V[7], \\ \{u_1V[1]$		$\{u_1V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_4V[4], V[7]\},\$
$ \begin{cases} u_{1}V[1] + V[2] + u_{4}V[4], v_{1}V[1] + v_{4}V[4] + V[5] + v_{7}V[7], V[1] + u_{7}V[7], V[4] + y_{7}V[7], \\ \{u_{1}V[1] + V[2] + u_{4}V[4], v_{1}V[1] + v_{4}V[4] + V[5] + v_{7}V[7], V[4], V[7], \\ \{u_{1}V[1] + V[2] + u_{4}V[4], v_{1}V[1] + v_{4}V[4] + V[6] + v_{7}V[7], V[4], V[7], \\ \{u_{2}V[2] + V[3] + u_{5}V[5], v_{2}V[2] + v_{4}V[4] + V[6] + v_{7}V[7], V[4], V[7], \\ \{u_{2}V[2] + V[3] + u_{5}V[5], v_{2}V[2] + v_{4}V[4] + V[6] + v_{7}V[7], V[4], V[7], \\ \{u_{2}V[2] + V[3] + u_{5}V[5], v_{2}V[2] + v_{5}V[2] + v_{5}V[5] + v_{7}V[7], V[4], V[7], \\ \{u_{2}V[2] + V[3] + u_{5}V[5], v_{1}V[1] + v_{2}V[2] + v_{5}V[5] + v_{7}V[7], V[4], V[7], \\ \{u_{2}V[2] + V[3] + u_{5}V[5], v_{1}V[1] + v_{2}V[2] + v_{5}V[5], V[1], V[4] + v_{7}V[7], \\ \{u_{2}V[2] + V[3] + u_{5}V[5], v_{1}V[1] + v_{2}V[2] + v_{5}V[5], V[1], V[4] + v_{7}V[7], \\ \{u_{2}V[2] + V[3] + u_{5}V[5], v_{2}V[2] + v_{5}V[5], V[1], V[4] + v_{7}V[7], \\ \{u_{2}V[2] + V[3] + u_{5}V[5], v_{2}V[2] + v_{5}V[5], V[1], V[4] + v_{7}V[7], \\ \{u_{2}V[2] + V[3] + u_{5}V[5], v_{2}V[2] + v_{4}V[4] + v_{5}V[5] + V[6], V[1], V[4], V[7], \\ \{u_{2}V[2] + V[3] + u_{5}V[5], v_{2}V[2] + v_{4}V[4] + v_{5}V[5] + V[6], V[1], V[4], V[7], \\ \{u_{5}V[2] + V[3] + u_{5}V[5], v_{2}V[2] + v_{4}V[4] + v_{5}V[5] + V[6], V[4], V[7], \\ \{u_{7}V[1] + u_{2}V[2] + u_{3}V[5] + v_{7}[0], v_{1}U[1 + v_{2}V[2] + v_{5}V[5] + v_{7}V[7], V[4], V[7], \\ \{u_{7}V[1] + u_{2}V[2] + u_{3}V[5] + v[6], v_{1}V[1] + v_{2}V[2] + v_{5}V[5] + v_{7}V[7], V[4], V[7], \\ \{u_{7}V[1] + u_{2}V[2] + u_{3}V[5] + V[6], v_{1}V[1] + v_{2}V[2] + v_{5}V[5] + v_{7}V[7], V[4], V[7], \\ \{u_{7}V[1] + u_{2}V[2] + u_{3}V[5] + V[6], v_{1}V[1] + v_{2}V[2] + v_{5}V[5] + v_{7}V[7], V[4], V[7], \\ \{u_{7}V[1] + v_{2}V[2] + u_{3}V[5] + V[6], v_{1}V[1] + v_{2}V[2] + v_{5}V[5], V[4], V[7], \\ \{u_{7}V[1] + V[2] + u_{3}V[1] + v_{5}V[5], V[1], V[4], V[7], \\ \{u_{7}V[1] + V[2] + u_{3}V[4], V[7], V[1], V[4], V[7], \\ \{u_{7}V[1] + V[2] + u_{3}V[4], V[7], V[1], V[4], V[7], \\ \{u_{7}V[1] + V[2] + u_{3}V[4], V[7], V[1], V[4], V[7], \\ \{u_{7}V[1] + V[2] + u_{3}V[7], V[1], $		$\{u_1V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[4], V[7]\},\$
$ \begin{cases} u, V[1] + V[2] + u_{4}V[4], v_{1}V[1] + v_{4}V[4] + V[5] + v_{7}V[7], V[1] + u_{4}V[4], V[7]\}, \\ \{u, V[1] + V[2] + u_{4}V[4], v_{1}V[1] + v_{4}V[4] + V[5] + v_{7}V[7], V[4], V[7]\}, \\ \{u_{7}V[2] + V[3] + u_{6}V[5], v_{2}V[2] + v_{4}V[4] + V[6], V[4], V[7]\}, \\ \{u_{7}V[2] + V[3] + u_{6}V[5], v_{2}V[2] + v_{4}V[4] + V[6], V[4], V[7]\}, \\ \{u_{7}V[2] + V[3] + u_{6}V[5], v_{7}V[2] + v_{6}V[5] + v_{7}V[7], V[4], V[7]\}, \\ \{u_{7}V[2] + V[3] + u_{6}V[5], v_{1}V[2] + v_{6}V[5] + v_{7}V[7], V[4], V[7]\}, \\ \{u_{7}V[2] + V[3] + u_{6}V[5], v_{1}V[1] + v_{7}V[2] + v_{6}V[5], V[4], V[7]\}, \\ \{u_{7}V[2] + V[3] + u_{6}V[5], v_{1}V[1] + v_{7}V[2] + v_{6}V[5], V[4], V[7]\}, \\ \{u_{7}V[2] + V[3] + u_{5}V[5], v_{1}V[1] + v_{7}V[2] + v_{5}V[5], V[4], V[7]\}, \\ \{u_{7}V[2] + V[3] + u_{5}V[5], v_{2}V[2] + v_{4}V[4] + v_{5}V[5], V[4], V[7]\}, \\ \{u_{7}V[2] + V[3] + u_{5}V[5], v_{2}V[2] + v_{6}V[5] + V[6], v_{1}V[7]\}, \\ \{u_{7}V[2] + V[3] + u_{5}V[5], v_{7}V[2] + v_{6}V[5] + V[6], V[4], V[7]\}, \\ \{u_{7}V[2] + V[3] + u_{5}V[5], v_{7}V[2] + v_{6}V[4] + v_{5}V[5] + V[6], V[4], V[7]\}, \\ \{u_{7}V[2] + V[3] + u_{5}V[5], v_{2}V[2] + v_{4}V[4] + v_{5}V[5] + V[6], V[4], V[7]\}, \\ \{u_{7}V[1] + v_{2}V[2] + u_{7}V[5] + V[6], v_{1}V[1] + v_{2}V[2] + v_{5}V[5] + V[6], V[4], V[7]\}, \\ \{u_{7}V[1] + v_{2}V[2] + u_{7}V[5] + V[6], v_{1}V[1] + v_{7}V[2] + v_{7}V[6], V[4], V[7]\}, \\ \{u_{7}V[1] + v_{7}V[2] + u_{7}V[3] + V[6], V[1] + V[2] + v_{7}V[4], V[7]\}, \\ \{u_{7}V[1] + V[2] + u_{7}V[7], V[4], V[7]\}, \{u_{7}V[1] + V[6], V[1], V[4], V[7]\}, \\ \{u_{7}V[1] + V[2] + u_{7}V[7], V[1], V[4], V[7]\}, \\ \{u_{7}V[1] + V[2] + u_{7}V[7], V[1], V[4], V[7]\}, \\ \{u_{7}V[1] + V[2] + u_{7}V[7], V[1], V[4], V[7]\}, \\ \{u_{7}V[1] + V[2] + u_{7}V[7], V[1], V[4], V[7]\}, \\ \{u_{7}V[1] + V[2] + u_{7}V[7], V[1], V[4], V[7]\}, \\ \{u_{7}V[1] + V[2] + u_{7}V[7], V[1], V[4], V[7]\}, \\ \{u_{7}V[1] + V[2] + u_{7}V[7], V[1], V[4], V[7]\}, \\ \{u_{7}V[1] + V[2] + u_{7}V[7], V[1], V[4], V[7]\}, \\ \{u_{7}V[1] + V[2] + u_{7}V[7], V[1], V[4], V[7]\}, \\ \{u_{7}V[1] + V[2] + u_{7}V[7], V[1], V[4], V[7]\}, \\ \{u_{7}V[1] + V[2] +$		$\{u_1V_{11} + V_{12} + u_4V_{14}, v_1V_{11} + v_4V_{14} + V_{15} + v_7V_{17}, V_{11} + x_7V_{17}, V_{14} + u_7V_{17} \},$
$ \begin{cases} u, V 1 + V 2 + u_i V _{i_1} v_i V 1 + v_i V _{i_1}^{i_1} + V _{i_1}^{i_2}^{i_1} + v_i V _{i_1}^{i_1} $		$\{u_1V_{11} + V_{12} + u_4V_{14}, v_1V_{11} + v_4V_{14} + V_{15} + v_7V_{17}, V_{11} + x_4V_{14}, V_{17}\}$
$ \begin{cases} u_1 V[2] + V[3] + u_2 V[3], v_2 V[2] + u_1 V[4] + V[6] + v_7 V[7], V[4], V[7]\}, \\ u_2 V[2] + V[3] + u_3 V[5], v_2 V[2] + u_1 V[4] + V[6], V[4], V[7]\}, \\ u_2 V[2] + V[3] + u_3 V[5], v_2 V[2] + u_1 V[4] + v_2 V[7], V[4], V[7]\}, \\ u_2 V[2] + V[3] + u_3 V[5], v_1 V[1] + v_2 V[2] + v_5 V[5] + v_7 V[7], V[4], V[7]\}, \\ u_2 V[2] + V[3] + u_3 V[5], v_1 V[1] + v_2 V[2] + v_5 V[5] + v_7 V[7], V[4], V[7]\}, \\ u_2 V[2] + V[3] + u_3 V[5], v_1 V[1] + v_2 V[2] + v_5 V[5], V[4], V[7]\}, \\ u_2 V[2] + V[3] + u_3 V[5], v_1 V[1] + v_2 V[2] + v_5 V[5], V[4], V[7]\}, \\ u_2 V[2] + V[3] + u_3 V[5], v_2 V[2] + v_4 V[4] + v_5 V[5], V[4], V[7]\}, \\ u_2 V[2] + V[3] + u_3 V[5], v_2 V[2] + v_5 V[5] + V[6], V[4], V[7]\}, \\ u_2 V[2] + V[3] + u_3 V[5], v_2 V[2] + v_5 V[5] + V[6], V[4], V[7]\}, \\ u_2 V[2] + V[3] + u_3 V[5], v_2 V[2] + v_5 V[5] + V[6], V[4], V[7]\}, \\ u_2 V[2] + V[3] + u_3 V[5], v_2 V[2] + v_5 V[5] + V[6], V[4], V[7]\}, \\ u_1 V[1] + u_2 V[2] + u_3 V[5] + V[6], v_1 V[1] + v_2 V[2] + v_5 V[5] + V[6], V[4], V[7]\}, \\ u_1 V[1] + u_2 V[2] + u_3 V[5] + V[6], v_1 V[1] + v_2 V[2] + v_3 V[5], V[4], V[7]\}, \\ (u_1 V[1] + v_2 V] + u_3 V[5] + V[6], V[1] + V[2] + v_4 V[4] + v_5 V[5], V[4], V[7]\}, \\ (u_1 V[1] + V[2] + u_3 V[5] + V[6], V[1] + V[2] + v_4 V[4] + v_5 V[5], V[4], V[7]\}, \\ (u_1 V[1] + V[2] + u_3 V[5] + V[6], V[1], V[4], V[7]\}, \\ (u_1 V[1] + V[2] + u_4 V[4] + v_5 V[5], V[1], V[4], V[7]\}, \\ (u_1 V[1] + V[2] + u_4 V[7], V[1], V[4], V[7]\}, \\ (u_1 V[1] + V[2] + u_4 V[7], V[1], V[4], V[7]\}, \\ (u_1 V[1] + V[2] + u_4 V[7], V[1], V[4], V[7]\}, \\ (u_1 V[1] + V[2] + v_5 V[5], V[1], V[4], V[7]\}, \\ (u_1 V[1] + V[2] + v_5 V[5], V[1], V[4], V[7]\}, \\ (u_1 V[1] + V[2] + v_5 V[5], V[1], V[4], V[7]\}, \\ (u_1 V[1] + V[2], V[3], V[4] + x_7 V[7], V[1] + V[2], V[3], V[4] + x_7 V[7]], \\ (u_1 V[1] + V[3], V[3], V[4] + x_7 V[7]], V[1] + V[2] + u_4 V[4] + v_5 V[5], V[3], V[4], \\ (V[2] + u_5 V[5], V[3], V[1] + V[2], V[3], V[1] + V[2], V[3], V[4] + x_7 V[7]], \\ (u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_4 V[4] + x_7 V[7]], \\ (u_1 V[1]$		$[u_1, V_{11}] + V_{12} + u_4 V_{13} + u_1 V_{13} + u_1 V_{13} + u_1 V_{13} + u_2 V_{13} + u_1 V_{13} + u_1 V_{13} + u_1 V_{13} + u_1 V_{13} + u_2 V_{13} + u_1 V_{13} + u_2 $
$ \begin{cases} u_{3}^{1}(1) = V_{1}^{1}(3) = u_{3}^{1}(1) = v_{4}^{1}(1) = V_{1}^{1}(1) = V_{1}^{1}(1), V_{1}^$		$[u_1, v_1] + v_{[2]} + u_{4}v_{[3]} + v_{1}v_{[3]} + v_{4}v_{[3]} + v_{[6]} + v_{7}v_{[1]} + v_{[1]} + v_{[1]} + v_{[1]} + v_{[1]} + v_{1}v_{1} + $
$ \begin{cases} u_{2} 1 = v = 1, 0$		$[u_2, v_2] + v_0 + u_3, v_0, v_2, v_2 + 2 + v_4, v_1 + v_0 + v_1, v_1 + v_1$
$ \begin{cases} 122 + 12 + 12 + 13 + 13 + 13 + 13 + 10 + 10 + 12 + 12 + 10 + 11 + 11 + 11$		$\begin{bmatrix} u_2 v \ [2] + v \ [0] + u_5 v \ [0], v_2 v \ [2] + v_4 v \ [2] + v \ [0], v \ [2], v \ [1], v \ [1$
$ \begin{cases} 42v [2] + V[3] + 43v [0] + 43v [0] + 2v [2] + 43v [4] + 65v [9], V[4], V[1], \\ \{42v [2] + V[3] + 43v [5], vv [V] + vv [V] + v5v [5] + vv [V], V[4], V[7], \\ \{42v [2] + V[3] + 43v [5], vv [V] + vv [V] + v5v [5], V[1], V[4] + yr [7], \\ \{42v [2] + V[3] + 43v [5], vv [2] + vs V[5] + v5v [5], V[4], V[7], \\ \{42v [2] + V[3] + 43v [5], vv [2] + vs V[5] + V[6] + vr [7], V[4], V[7], \\ \{42v [2] + V[3] + 43v [5], vv [2] + vs V[5] + V[6] + vr [7], V[4], V[7], \\ \{42v [2] + V[3] + 43v [5], vv [2] + vs V[5] + V[6] + vr [7], V[4], V[7], \\ \{42v [2] + V[3] + 43v [5], vv [2] + vs V[5] + V[6] + V[1], V[4], V[7], \\ \{42v [2] + V[3] + 43v [5], vv [2] + vs V[5] + V[6] + V[1], V[4], V[7], \\ \{42v [2] + V[3] + 43v [5] + vv [0], vv [1] + vv [2] + vs V[5] + vv [0], V[4], V[7], \\ \{42v [2] + V[3] + 43v [5] + vv [6], vv [1] + vv [2] + vs V[5] + vv [7], V[4], V[7], \\ \{42v [2] + V[3] + 43v [5] + V[6], vv [1] + vv [2] + vs V[4] + v5v [5], V[4], V[7], \\ \{41v [1] + vv [2] + 43v [5] + V[6], vv [1] + vv [2] + vs V[4] + v5v [5], V[4], V[7], \\ \{41v [1] + vv [2] + 43v [5] + V[6], vv [1], V[4], V[7], \\ \{41v [1] + V[2] + 43v [4] + v5v [5], V[1], V[4], V[7], \\ \{41v [1] + V[2] + 43v [4] + v5v [5], V[1], V[4], V[7], \\ \{41v [1] + V[2] + 43v [4] + v5v [5], V[1], V[4], V[7], \\ \{41v [1] + V[2] + 43v [4] + v5v [5], V[1], V[4], V[7], \\ \{41v [1] + V[2] + 43v [4] + v5v [5], V[1], V[4], V[7], \\ \{41v [1] + V[2] + 43v [5], V[3], V[6], V[2], V[3], V[6], V[3], V[1], V[4], V[7], \\ \{41v [1] + V[2] + 43v [5], V[3], V[1], V[4], V[7], \{41v [1] + 42] + 43v [4] + 12], V[2], V[3] + v6v [6], V[1], \\ \{41v [1] + V[2] + 43v [5], V[3], V[4] + x7v [7], \{V[2] + 44v [4] + 45], V[3], V[4], V[1], V[2], V[3] + v6v [6], V[1], \\ \{41v [1] + V[3], V[3], V[4] + x7v [7], \{V[2] + 44v [4] + 45], V[3], V[3], V[4], \\ \{11v [1] + V[3] + 43v [1], V[1] + 12], V[3], V[1], \{11v [1] + 12], V[3], V[1], \\ \{41v [1] + V[3] + 43v [1], V[1] + 42[4] + V[5] + v7v [7], V[1], \\ \{41v [1] + V[2] + 43v [1], vv [1] + v4v [4] + V[5] + v7v [7], V[1], \\ \{41v [1] + V[2] + 43v [1], vv [1] + v4v [4] + V[5] + v7v [7], V[1]$		$ \begin{bmatrix} u_2 v \ [2] + v \ [3] + u_5 v \ [3] + u_6 v \ [0], v_2 v \ [2] + v_5 v \ [3] + v_7 v \ [4], v \ [4] \end{bmatrix} $
$ \begin{cases} 4 w V[2] + V[3] + u_5 V[5], v_1 V[1] + v_2 V[2] + v_5 V[5] + V[1], V[4], V[1], \\ \{ u_2 V[2] + V[3] + u_5 V[5], v_1 V[1] + v_2 V[2] + v_5 V[5], V[1], V[7] \}, \\ \{ u_2 V[2] + V[3] + u_5 V[5], v_2 V[2] + v_6 V[5] + V[6] + v_7 V[7], V[4], V[7] \}, \\ \{ u_2 V[2] + V[3] + u_5 V[5], v_2 V[2] + v_6 V[5] + V[6] + v_7 V[7], V[4], V[7] \}, \\ \{ u_2 V[2] + V[3] + u_5 V[5], v_2 V[2] + v_6 V[4] + v_6 V[5] + V[6], V[1], V[4] \}, \\ \{ u_2 V[2] + V[3] + u_5 V[5], v_2 V[2] + v_6 V[4] + v_6 V[5] + V[6], V[1], V[4] \}, \\ \{ u_2 V[2] + V[3] + u_5 V[5], v_2 V[2] + v_6 V[4] + v_6 V[5] + V[6], V[1], V[4] \}, \\ \{ u_2 V[2] + V[3] + u_5 V[5] + V[6], v_1 V[1] + v_2 V[2] + v_5 V[5] + VV[7], V[4], V[7] \}, \\ \{ u_1 V[1] + u_2 V[2] + u_6 V[5] + V[6], v_1 V[1] + v_2 V[2] + v_5 V[5] + VV[7], V[4], V[7] \}, \\ \{ u_1 V[1] + u_2 V[2] + u_6 V[5] + V[6], v_1 V[1] + V[2] + v_6 V[6], V[4] + v_7 V[7], V[4], V[7] \}, \\ \{ V[3], V[6] + v_7 V[7], V[4], V[7] \}, \{ V[3], v_4 V[4] + V[6], V[4] + v_7 V[7] \}, V[4], V[7] \}, \\ \{ u_1 V[1] + V[2] + u_6 V[5] + V[6], V[1], V[4], V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4] + v_5 V[5] \rangle, V[1], V[4], V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4] + v_5 V[5] \rangle, V[1], V[4], V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4] + v_5 V[5] \rangle, V[1], V[4], V[7] \}, \\ \{ u_1 V[1] + V[2] + u_6 V[7] \rangle, V[1] \rangle, V[4], V[7] \rangle, \{ u_1 V[1] + V[2] + u_6 V[4], V[1] \rangle, V[4], V[7] \}, \\ \{ u_1 V[1] + V[5] + u_7 V[7], V[1] \rangle, V[4], V[7] \rangle, \{ u_1 V[1] + v_1 V[4] + v_1 V[5] \rangle, V[3] + v_6 V[6] \rangle, V[1] \rangle, \\ \{ V[2], V[3], V[6], V[2] + x_5 V[5] \rangle, V[3], V[6] \rangle, V[2] \rangle, V[3], V[6] \rangle, V[3] \rangle, V[4] \rangle, \\ \{ V[2] + u_5 V[5], V[3], V[4] + x_7 V[7] \rangle, \{ V[2] + u_4 V[4] + u_5 V[5] \rangle, V[3] \rangle, V[4] \rangle, \\ \{ V[2] + u_5 V[5], V[3] \rangle, V[4] + x_7 V[7] \rangle, V[1] + V[2] \rangle, V[3] \rangle, V[4] \rangle, \\ \{ V[2] + u_5 V[5], V[3] \rangle, V[4] \rangle, V[3] \rangle, V[3] \rangle, V[4] \rangle, V[2] \rangle, V[3] \rangle, V[4] \rangle, \\ \{ V[2] + u_5 V[5], V[3] \rangle, V[4] \rangle, W[1] \rangle, V[2] \rangle, V[3] \rangle, V[4] \rangle, \\ \{ V[2] + u_5 V[5], V[3] \rangle, V[4] \rangle, V[3] \rangle, V[3] \rangle, V[4] \rangle, V[3] \rangle, V[4] \rangle, \\ \{ V[2] + u_5 V[5], V[3] \rangle, V[4] \rangle, V[2] \rangle, V[3] \rangle, V[4] \rangle, V[2] \rangle, V[3] \rangle, V[4] \rangle, \\ \{ V[2$		$\{u_2 \vee [2] + V_{[3]} + u_5 \vee [3] + u_6 \vee [0], v_2 \vee [2] + v_4 \vee [4] + v_5 \vee [3], \vee [4], \vee [1] \}$
$ \{ u_2 V[2] + V[3] + u_5 V[5], v_1 V[1] + v_2 V[2] + v_5 V[5], V[1], V[4], V[7] \}, \\ \{ u_2 V[2] + V[3] + u_5 V[5], v_2 V[2] + v_4 V[4] + v_5 V[5], V[4], V[7] \}, \\ \{ u_2 V[2] + V[3] + u_5 V[5], v_2 V[2] + v_5 V[5] + V[6] + v_7 V[7], V[4], V[7] \}, \\ \{ u_2 V[2] + V[3] + u_5 V[5], v_2 V[2] + v_5 V[5] + V[6] + v_7 V[7], V[4], V[7] \}, \\ \{ u_2 V[2] + V[3] + u_5 V[5], v_2 V[2] + v_4 V[4] + v_5 V[5] + V[6], V[4], V[7] \}, \\ \{ u_2 V[2] + V[3] + u_5 V[5] + v_6 V[1] + v_2 V[2] + v_5 V[5] + v_7 V[7], V[4], V[7] \}, \\ \{ u_1 V[1] + u_2 V[2] + u_5 V[5] + V[6], v_1 V[1] + v_2 V[2] + v_5 V[5] + v_7 V[7], V[4], V[7] \}, \\ \{ u_1 V[1] + u_2 V[2] + u_5 V[5] + V[6], v_1 V[1] + v_2 V[2] + v_5 V[5] + v_7 V[7], V[4], V[7] \}, \\ \{ u_1 V[1] + V[2] + u_5 V[5] + V[6], V[1] + V[2] + v_4 V[4] + v_5 V[5], V[4], V[7] \}, \\ \{ u_1 V[1] + V[2] + u_5 V[5] + V[6], V[1] + V[7] \}, \\ \{ u_1 V[1] + V[2] + u_5 V[5] + V[6], V[1], V[4], V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4] + v_5 V[5], V[1], V[4], V[7] \}, \\ \{ u_1 V[1] + V[2] + v_7 V[7], V[1], V[4], V[7] \}, \\ \{ u_1 V[1] + V[2] + v_7 V[7], V[1], V[4], V[7] \}, \\ \{ u_1 V[1] + V[2] + v_7 V[7], V[1], V[4], V[7] \}, \\ \{ u_1 V[1] + V[2] + v_7 V[7], V[1], V[4], V[7] \}, \\ \{ u_1 V[1] + V[3] + u_5 V[5] \rangle, V[1] + V[2], v_1 V[1] + V[2] + v_4 V[4], V[1], V[4], V[7] \}, \\ \{ V[3] + u_6 V[6], V[1], V[4], V[7] \}, \{ V[3], V[1], V[4], V[7] \}, \{ U_1 V[1] + V[6], V[1], V[4], V[7] \}, \\ \{ V[3] + u_6 V[6], V[1] + V[2], v_1 V[1] + V[2], v_1 V[1] + V[6], V[1], V[4], V[7] \}, \\ \{ V[2] V[3], V[5] \rangle, (u_1 V[1] + V[2], v_1 V[1] + V[2], v_1 V[1] + V[6], V[1] \rangle, V[4], V[7] \}, \\ \{ V[2] + u_5 V[5], V[3], V[4] + x_7 V[7] \}, \{ V[2] + u_4 V[4] + u_5 V[5], V[3], V[1] \}, \\ \{ V[2] + u_5 V[5], V[3], V[1] + v_7 V[7] \rangle, \{ V[1] + u_4 V[4] + v_5 V[5], V[3], V[1] \}, \\ \{ V[2] + u_5 V[5], V[3], V[1] \}, \\ \{ V[2] + u_5 V[5], V[3], V[1] \}, \\ \{ V[2] + u_5 V[7], V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[5] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_$		$\{u_2 V[2] + V_1 \} + u_5 V_1 \}, v_1 V_1] + v_2 V_1] + v_5 V_1] + v_7 V_1], V_1], V_1], V_1]$
$ \begin{cases} u_2 V[2] + V[3] + u_5 V[5], v_1 V[1] + v_2 V[2] + v_5 V[5], V[1], V[1], \\ \{u_2 V[2] + V[3] + u_5 V[5], v_2 V[2] + v_6 V[5] + V[6], v_7 V[7], V[4], V[7], \\ \{u_2 V[2] + V[3] + u_5 V[5], v_1 V[1] + v_2 V[2] + v_4 V[4] + v_5 V[5] + V[6], V[1], V[4], \\ \{u_2 V[2] + V[3] + u_5 V[5], v_1 V[1] + v_2 V[2] + v_4 V[4] + v_5 V[5] + V[7], V[4], V[7], \\ \{u_1 V[1] + u_2 V[2] + u_5 V[5] + V[6], v_1 V[1] + v_2 V[2] + v_5 V[5] + V[7], V[4], V[7], \\ \{u_1 V[1] + u_2 V[2] + u_5 V[5] + V[6], v_1 V[1] + v_2 V[2] + v_5 V[5], V[4], V[7], \\ \{u_1 V[1] + u_2 V[2] + u_5 V[5] + V[6], v_1 V[1] + v_2 V[2] + v_5 V[5], V[4], V[7], \\ \{u_1 V[1] + V[2] + u_5 V[5] + V[6], v_1 V[1] + V[2] + v_4 V[4] + v_5 V[5], V[4], V[7], \\ \{u_1 V[1] + V[2] + u_4 V[4] + v_5 V[5], V[1], V[4], V[7], \\ \{u_1 V[1] + V[2] + u_4 V[4] + v_5 V[5], V[1], V[4], V[7], \\ \{u_1 V[1] + V[2] + u_4 V[4] + v_5 V[5], V[1], V[4], V[7], \\ \{u_1 V[1] + V[2] + u_4 V[4] + v_5 V[5], V[1], V[4], V[7], \\ \{u_1 V[1] + V[2] + u_4 V[7], V[1], V[4], V[7], \{u_1 V[1] + V[2] + v_4 V[4], V[1], V[4], V[7], \\ \{u_1 V[1] + V[3] + u_5 V[6], V[1], V[3], V[1], \{u_1 V[1] + V[2] + v_4 V[4], V[1], V[4], V[7], \\ \{u_1 V[1] + V[3] + u_5 V[6], V[1], V[3], V[1], V[4], V[7], \{u_1 V[1] + V[6], V[1], V[4], V[7], \\ \{u_1 V[1] + V[5] + u_5 V[7], V[1] + V[2], v_1 V[1] + v_1 V[2] + v_4 V[4], V[3] + v_6 V[6], V[1], \\ \{v_1 V[1] + V[5], V[3], V[4] + x_7 V[7], V[2] + u_4 V[4] + v_5 V[5], V[3], V[4] + x_7 V[7], \\ \{u_1 V[1] + V[5], V[3], V[4] + x_7 V[7], V[2] + u_4 V[4] + u_5 V[5], V[3], V[4], \\ V[2] + u_5 V[5], V[3], V[4] + x_7 V[7], V[2] + u_4 V[4] + u_5 V[5], V[3], V[7], \\ \{u_1 V[1] + V[3] + v_1 V[7], v_1 V[1] + v_1 V[2], V[3], V[1], V[2], V[3], V[7], \\ \{u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_1 V[3], V[1], \{u_1 V[1] + V[2], V[3], V[7], \\ \{u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + u_4 V[4] + V[5] + v_7 V[7], V[1] + x_7 V[7], \\ \{u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + u_4 V[4] + V[5] + v_7 V[7], V[1] + x_7 V[7], \\ \{u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + u_4 V[4] + V[5] + v_7 V[7], V[1] + x_7 V[7], \\ \{u_1 V[1] + V[2] + u_4 V[4],$		$\{u_2V[2] + V[3] + u_5V[5], v_1V[1] + v_2V[2] + v_5V[5], V[1], V[4] + y_7V[7]\},$
$ \begin{cases} u_2 V[2] + V[3] + u_5 V[5], v_2 V[2] + v_5 V[5] + V[6] + v_7 V[7], V[4], V[7]\}, \\ \{u_2 V[2] + V[3] + u_5 V[5], v_2 V[2] + v_5 V[5] + v_7 V[7], V[4], V[7]\}, \\ \{u_2 V[2] + V[3] + u_5 V[5], v_2 V[2] + v_4 V[4] + v_5 V[5] + V[6], V[1], V[4], V[7]\}, \\ \{u_1 V[1] + u_2 V[2] + u_5 V[5] + V[6], v_1 V[1] + v_2 V[2] + v_5 V[5] + v_7 V[7], V[4], V[7]\}, \\ \{u_1 V[1] + u_2 V[2] + u_5 V[5] + V[6], v_1 V[1] + v_2 V[2] + v_5 V[5] + v_7 V[7], V[4], V[7]\}, \\ \{u_1 V[1] + u_2 V[2] + u_5 V[5] + V[6], v_1 V[1] + v_2 V[2] + v_5 V[5] + v_7 V[7], V[4], V[7]\}, \\ \{v_1 V[1] + v_2 V[2] + u_5 V[5] + V[6], v_1 V[1] + v_1 V[2] + v_4 V[4] + v_5 V[5], V[4], V[7]\}, \\ \{u_1 V[1] + V[2] + u_5 V[5] + V[6], V[1], V[4], V[7]\}, \\ \{u_1 V[1] + V[2] + u_4 V[4] + v_5 V[5], V[1], V[4], V[7]\}, \\ \{u_1 V[1] + V[2] + v_4 V[7], V[1], V[4], V[7]\}, \{u_1 V[1] + V[2] + v_4 V[4], V[1], V[4], V[7]\}, \\ \{u_1 V[1] + V[2] + v_7 V[7], V[1], V[4], V[7]\}, \{u_1 V[1] + V[2] + v_4 V[4], V[1], V[4], V[7]\}, \\ \{u_1 V[1] + V[5] + u_7 V[7], V[1], V[4], V[7]\}, \{u_1 V[1] + u_1 V[4] + V[5], V[1], V[4], V[7]\}, \\ \{u_1 V[1] + V[5] + v_7 V[7], V[1], V[4], V[7]\}, \{u_1 V[1] + u_1 V[4] + V[5], V[1] + V[6], V[1], V[4], V[7]\}, \\ \{V[3] + u_6 V[6], V[1], V[4], V[7]\}, \{U_3 V[1], V[4], V[7]\}, \{u_1 V[1] + V[6], V[1], V[4], V[7]\}, \\ \{V[3] + u_6 V[6], V[1], V[4], V[7]\}, \{U_1 V[1] + V[2] + u_5 V[5], V[3], V[1], V[4], V_6], V[6], V[1]\}, \\ \{V[2] + v_5 V[5], V[3], V[4] + x_7 V[7], \{U_1 V[1] + V[2] + u_5 V[5], V[3], V[4]\}, \\ \{V[2] + u_5 V[5], V[3], V[4] + x_7 V[7], \{U_1 V[4] + V[5] + v_7 V[7], V[3], V[7]\}, \\ \{u_1 V[1] + V[5], V[3], V[4], \{u_1 V[1] + V[2], V[3], V[4]\}, \{V[2], V[3], V[7]\}, \\ \{u_1 V[1] + V[5], V[3], V[1]\}, \\ \{V[2] + u_5 V[5], V[3], V[1]\}, \\ \{u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + u_4 V[4] + V[5] + v_7 V[7], V[1] + x_4 V[4] + x_7 V[7]\}, \\ \{u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + u_4 V[4] + V[5] + v_7 V[7], V[1] + x_7 V[7]\}, \\ \{u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + u_4 V[4] + V[5] + v_7 V[7], V[1] + x_7 V[7]\}, \\ \{u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + u_4 V[4] + V[5] + v_7 V[7], V[1] + x_7 V$		$\{u_2V[2] + V[3] + u_5V[5], v_1V[1] + v_2V[2] + v_5V[5], V[1], V[7]\},\$
$ \begin{cases} u_2 V[2] + V[3] + u_5 V[5], v_2 V[2] + v_5 V[5] + V[6] + v_7 V[7], V[4], V[7]\}, \\ \{u_2 V[2] + V[3] + u_5 V[5], v_5 V[2] + v_4 V[4] + v_5 V[5] + V[6], V[4], V[7]\}, \\ \{u_1 V[1] + u_2 V[2] + u_5 V[5] + V[6], v_1 V[1] + v_2 V[2] + v_5 V[5] + v_7 V[7], V[4], V[7]\}, \\ \{u_1 V[1] + u_2 V[2] + u_5 V[5] + V[6], v_1 V[1] + V[2] + v_4 V[4] + v_5 V[5], V[4], V[7]\}, \\ \{u_1 V[1] + u_2 V[2] + u_5 V[5] + V[6], v_1 V[1] + V[2] + v_4 V[4] + v_5 V[5], V[4], V[7]\}, \\ \{u_1 V[1] + v[2] + u_4 V[4] + v_5 V[5], V[1], V[4], V[7]\}, \\ \{u_1 V[1] + V[2] + u_4 V[4] + v_5 V[5], V[1], V[4], V[7]\}, \\ \{u_1 V[1] + V[2] + u_4 V[4] + v_5 V[5], V[1], V[4], V[7]\}, \\ \{u_1 V[1] + V[2] + u_4 V[4] + v_5 V[5], V[1], V[4], V[7]\}, \\ \{u_1 V[1] + V[2] + v_7 V[7], V[1], V[4], V[7]\}, \{u_1 V[1] + v_4 V[4] + V[5], V[1], V[4], V[7]\}, \\ \{u_1 V[1] + V[5] + u_7 V[7], V[1], V[4], V[7]\}, \{u_1 V[1] + u_4 V[4] + V[5], V[1], V[4], V[7]\}, \\ \{u_1 V[1] + V[5] + u_7 V[7], V[1], V[4], V[7]\}, \{u_1 V[1] + u_4 V[4] + V[5], V[1], V[4], V[7]\}, \\ \{V[3] + u_6 V[6], V[1], V[4], V[7]\}, \{V[3], V[6], V[2]\}, \{V[3], V[6], V[5]\}, \{V[2], V[3], V[6]\}, \{u_1 V[1] + V[2], v_1 V[1] + V[2], v_1 V[1] + V[2], v_1 V[1] + V[6]\}, \{u_1 V[1] + V[2], V[3] + v_6 V[6], V[1]\}, \\ \{V[2] + U_3 V[3], V[6], V[2] + x_5 V[5], \{V[3], V[1] + V[2], u_5 V[5], V[3], V[1]\}, \\ \{V[2] + u_5 V[5], V[3], V[4] + x_7 V[7]\}, \{U_1 V[1] + V[2], V[3], V[1]\}, \{V[2] + u_5 V[5], V[3], V[1]\}, \{u_1 V[1] + V[2], v_1 V[1], V[2], v_3 V[1]\}, \{V[2] + u_4 V[4], V[3], V[4]\}, \{V[2] + v_4 V[4], V[3], V[4]\}, \{V[2] + v_4 V[4], V[3], V[4]\}, \{V[2] + v_4 V[4], V[3], V[4]\}, \{V[2] + u_4 V[4], V[3], V[4]\}, \{V[2] + v_4 V[4], V[3], V[4]\}, \{V[2] + v_5 V[5], V[1]\}, \{u_1 V[1] + V[2], V[1]\}, \{u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + u_4 V[4] + V[5] + v_7 V[7], V[3], V[7]\}, \\ \{u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_4 V[4] + x_7 V[7]\}, \\ \{u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_4 V[4] + x_7 V[7]\}, \\ \{u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_4 V[4] + x_7$		$\{u_2V[2] + V[3] + u_5V[5], v_2V[2] + v_4V[4] + v_5V[5], V[4], V[7]\},\$
$ \begin{cases} u_2 V[2] + V[3] + u_5 V[5], v_1 V[1] + v_2 V[2] + v_4 V[4] + v_5 V[5] + V[6], V[1], V[1], V[4]\}, \\ \{u_2 V[2] + V[3] + u_5 V[5], v_2 V[2] + v_3 V[4] + v_5 V[5] + V[6], V[4], V[7]\}, \\ \{u_1 V[1] + u_2 V[2] + u_3 V[5] + V[6], v_1 V[1] + v_2 V[2] + v_5 V[5] + v_7 V[7], V[4], V[7]\}, \\ \{u_1 V[1] + u_2 V[2] + u_3 V[5] + V[6], v_1 V[1] + V[2] + v_4 V[4] + v_5 V[5], V[4], V[7]\}, \\ \{u_1 V[1] + V[2] + u_3 V[5] + V[6], V[1], V[4], V[7]\}, \\ \{u_1 V[1] + V[2] + u_4 V[4] + v_5 V[5], V[1], V[4], V[7]\}, \\ \{u_1 V[1] + V[2] + u_4 V[4] + v_5 V[5], V[1], V[4], V[7]\}, \\ \{u_1 V[1] + V[2] + u_4 V[4] + v_5 V[5], V[1], V[4], V[7]\}, \\ \{u_1 V[1] + V[2] + v_7 V[7], V[1], V[4], V[7]\}, \{u_1 V[1] + u_4 V[4] + V[5], V[1], V[4], V[7]\}, \\ \{u_1 V[1] + V[5] + u_7 V[7], V[1], V[4], V[7]\}, \{u_1 V[1] + u_4 V[4] + V[5], V[1], V[4], V[7]\}, \\ \{u_1 V[1] + V[5] + u_7 V[7], V[1], V[4], V[7]\}, \{u_1 V[1] + u_4 V[4] + V[5], V[1], V[4], V[7]\}, \\ \{u_1 V[1] + V[5] + u_7 V[7], V[1], V[4], V[7]\}, \{u_1 V[1] + V[2], V[5], V[2], V[5], V[2], V[3], V[6], V[2], V[3], V[6], V[2], V[3], V[6], V[2], V[5], V[2], V[3] + v_6 V[6], \\ \{V[2], V[3], V[6], V[2] + x_5 V[5]\}, \{V[3], V[6], V[2]\}, \{U_1 V[1] + V[6], \{u_1 V[1] + V[2], V[3] + v_6 V[6], V[1]\}, \\ \{u_1 V[1] + V[5], V[3], V[1], + v_1 V[1] + V[2], v_1 V[1] + v_1 V[6], \{u_1 V[1] + V[2], V[3] + v_6 V[6], V[1]\}, \\ \{u_1 V[1] + V[5], V[3], V[7]\}, \{u_1 V[1] + V[2], V[3], V[1]\}, \{V[2] + u_3 V[5], V[3], V[1]\}, \\ \{V[2] + u_5 V[5], V[3], V[4] + x_7 V[7]\}, \{V[2] + u_4 V[4] + u_5 V[5], V[3], V[4]\}, \\ \{V[2] + u_5 V[5], V[3], V[4]\}, \{V[2], V[3], V[7]\}, \{V[2] + u_7 V[7], V[3], V[7]\}, \\ \{u_1 V[1] + V[5], V[3], V[4]\}, \{v_1 V[2], v_1 V[1] + v_1 V[2], V[3], V[1]\}, \{V[2], V[3], V[7]\}, \\ \{u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_4 V[4] + x_7 V[7]\}, \\ \{u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_4 V[4] + x_7 V[7]\}, \\ \{u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_4 V[4] + x_7 V[7]\}, \\ \{u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7$		$\{u_2V[2] + V[3] + u_5V[5], v_2V[2] + v_5V[5] + V[6] + v_7V[7], V[4], V[7]\},\$
$ \begin{cases} u_2 V[2] + V[3] + u_5 V[5], v_2 V[2] + v_4 V[4] + v_5 V[5] + V[6], V[4], V[7]\}, \\ \{u_1 V[1] + u_2 V[2] + u_5 V[5] + V[6], v_1 V[1] + v_2 V[2] + v_5 V[5] + v_7 V[7], V[4], V[7]\}, \\ \{u_1 V[1] + u_2 V[2] + u_5 V[5] + V[6], v_1 V[1] + V[2] + v_4 V[4] + v_5 V[5], V[4], V[7]\}, \\ \{V[3], V[6] + v_7 V[7], V[4], V[7]\}, \{V[3], v_4 V[4] + V[6], V[4], V[7]\}, \\ \{u_1 V[1] + V[2] + u_4 V[4] + v_5 V[5], V[1], V[4], V[7]\}, \\ \{u_1 V[1] + V[2] + u_4 V[4] + v_5 V[5], V[1], V[4], V[7]\}, \\ \{u_1 V[1] + V[2] + u_4 V[7], V[1], V[4], V[7]\}, \{u_1 V[1] + V[2] + v_4 V[4], V[1], V[4], V[7]\}, \\ \{u_1 V[1] + V[2] + v_7 V[7], V[1], V[4], V[7]\}, \{u_1 V[1] + u_4 V[4] + V[5], V[1], V[4], V[7]\}, \\ \{u_1 V[1] + V[5] + u_7 V[7], V[1], V[4], V[7]\}, \{u_1 V[1] + u_4 V[4] + V[5], V[1], V[4], V[7]\}, \\ \{V[3] + u_6 V[6], V[1], V[4], V[7]\}, \{V[3], V[1], V[4], V[7]\}, \{u_1 V[1] + V[6], V[1], V[4], V[7]\}, \\ \{V[3], V[6], V[2] + x_5 V[5]\}, \{V[3], V[6], V[2]\}, \{U[3], V[6], V[5]\}, \{V[2], V[5], V[3] + x_6 V[6]\}, \\ \{V[2], V[3], V[5]\}, \{u_1 V[1] + V[2], v_1 V[1] + V[2], v_1 V[1] + V[6]\}, \{u_1 V[1] + V[2], V[3], Va_6 V[6], V[1]\}, \\ \{u_1 V[1] + V[5], V[3], V[4] + x_7 V[7]\}, \{V[2] + u_4 V[4] + u_5 V[5], V[3], V[1]\}, \\ \{V[2] + u_5 V[5], V[3], V[4] + x_7 V[7]\}, \{V[2] + u_4 V[4] + u_5 V[5], V[3], V[4]\}, \\ \{V[2] + u_5 V[5], V[3], V[4]\}, \{V[2], V[3], V[7]\}, \{V[5] + u_7 V[7], V[3], V[7]\}, \\ \{u_1 V[1] + V[5], V[3], V[1]\}, \{u_4 V[4] + V[5], V[3], V[4]\}, \{V[5], V[3], V[7]\}, \\ \{u_1 V[1] + V[5], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_4 V[4] + x_7 V[7]\}, \\ \{u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_4 V[4] + x_7 V[7]\}, \\ \{u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_4 V[4] + x_7 V[7]\}, \\ \{u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_4 V[4] + x_7 V[7]\}, \\ \{u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1], \\ \{u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_4 V[4] + x_7 V[7]\}, \\ \{u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V$		$\{u_2V[2] + V[3] + u_5V[5], v_1V[1] + v_2V[2] + v_4V[4] + v_5V[5] + V[6], V[1], V[4]\},\$
$ \begin{cases} u_1 V[1] + u_2 V[2] + u_5 V[5] + V[6], v_1 V[1] + v_2 V[2] + v_5 V[5] + v_7 V[7], V[4], V[7]\}, \\ \{u_1 V[1] + u_2 V[2] + u_5 V[5] + V[6], v_1 V[1] + V[2] + v_4 V[4] + v_5 V[5], V[4], V[7]\}, \\ \{V[3], V[6] + v_7 V[7], V[4], V[7]\}, \{V[3], v_4 V[4] + V[6], V[4], V[7]\}, \\ \{u_1 V[1] + V[2] + u_4 V[4] + v_5 V[5], V[1], V[4], V[7]\}, \\ \{u_1 V[1] + V[2] + u_4 V[4] + v_5 V[5], V[1], V[4], V[7]\}, \\ \{u_1 V[1] + V[2] + u_4 V[4] + v_5 V[5], V[1], V[4], V[7]\}, \\ \{u_1 V[1] + V[2] + v_7 V[7], V[1], V[4], V[7]\}, \{u_1 V[1] + u_4 V[4] + V[5], V[1], V[4], V[7]\}, \\ \{u_1 V[1] + V[2] + v_7 V[7], V[1], V[4], V[7]\}, \{u_1 V[1] + u_4 V[4] + V[5], V[1], V[4], V[7]\}, \\ \{u_1 V[1] + V[2] + v_5 V[7], V[1], V[4], V[7]\}, \{u_1 V[1] + u_4 V[4] + V[5], V[1], V[4], V[7]\}, \\ \{u_1 V[1] + V[5] + v_7 V[7], V[1], V[4], V[7]\}, \{u_1 V[1] + u_4 V[4] + V[5], V[1], V[4], V[7]\}, \\ \{V[3] + u_6 V[6], V[1], V[4], V[7]\}, \{V[3], V[6], V[2]\}, \{V[3], V[6], V[5]\}, \{V[2], V[5], V[3] + v_6 V[6]\}, \\ \{V[2], V[3], V[5]\}, \{u_1 V[1] + V[2], v_1 V[1] + V[2], v_1 V[1] + V[6]\}, \{u_1 V[1] + V[2], V[3] + v_6 V[6], V[1]\}, \\ \{u_1 V[1] + V[5], V[3], V[4] + x_7 V[7]\}, \{V[2] + u_4 V[4] + u_5 V[5], V[3], V[4]\}, \\ \{V[2] + u_5 V[5], V[3], V[4] + x_7 V[7]\}, \{V[2] + u_4 V[4] + u_5 V[5], V[3], V[4]\}, \\ \{V[2] + u_5 V[5], V[3], V[4]\}, \{V[2], V[3], V[1]\}, \{V[2], V[3], V[1]\}, \\ \{u_1 V[1] + V[5], V[3], V[4]\}, \{V[2], V[3], V[1]\}, \{V[2], V[3], V[7]\}, \\ \{u_1 V[1] + V[5], V[3], V[1]\}, u_4 V[4] + V[5], V[3], V[4]\}, \{V[5], V[3], V[7]\}, \\ \{u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_4 V[4] + x_7 V[7]\}, \\ \{u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_4 V[4] + x_7 V[7]\}, \\ \{u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_4 V[4] + x_7 V[7]\}, \\ \{u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1], \\ u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1], \\ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_4 V[4] + x_7 V[7]\}, \\ \{u_1 V[1] + V[2] + u_4 V[$		$\{u_2V[2] + V[3] + u_5V[5], v_2V[2] + v_4V[4] + v_5V[5] + V[6], V[4], V[7]\},\$
$ \begin{cases} u_1V[1] + u_2V[2] + u_5V[5] + V[6], v_1V[1] + V[2] + v_4V[4] + v_5V[5], V[4], V[7]\}, \\ \{V[3], V[6] + v_7V[7], V[4], V[7]\}, \{V[3], v_4V[4] + V[6], V[4], V[7]\}, \\ \{u_1V[1] + V[2] + u_5V[5] + V[6], V[1], V[4], V[7]\}, \\ \{u_1V[1] + V[2] + u_4V[4] + v_5V[5], V[1], V[4], V[7]\}, \\ \{u_1V[1] + V[2] + u_4V[4] + v_5V[5], V[1], V[4], V[7]\}, \\ \{u_1V[1] + V[2] + v_7V[7], V[1], V[4], V[7]\}, \{u_1V[1] + u_4V[4] + V[5], V[1], V[4], V[7]\}, \\ \{u_1V[1] + V[5] + u_7V[7], V[1], V[4], V[7]\}, \{u_1V[1] + u_4V[4] + V[5], V[1], V[4], V[7]\}, \\ \{V[3] + u_6V[6], V[1], V[4], V[7]\}, \{V[3], V[1], V[4], V[7]\}, \{u_1V[1] + V[6], V[1], V[4], V[7]\}, \\ \{V[3], V[6], V[2] + x_5V[5]\}, \{V[3], V[6], V[2]\}, \{V[3], V[6], V[5]\}, \{V[2], V[5], V[3] + x_6V[6]\}, \\ \{V[2], V[3], V[5]\}, \{u_1V[1] + V[2], v_1V[1] + V[5], x_1V[1] + V[6]\}, \{u_1V[1] + V[2], V[3] + v_6V[6], V[1]\}, \\ \{u_1V[1] + V[5], V[3], V[4] + x_7V[7]\}, \{u_1V[1] + V[2] + u_5V[5], V[3], V[1]\}, \\ \{V[2] + u_5V[5], V[3], V[4] + x_7V[7]\}, \{V[2] + u_4V[4] + u_5V[5], V[3], V[1]\}, \\ \{V[2] + u_5V[5], V[3], V[1]\}, \{u_1V[1] + V[2], V[3], V[1]\}, \{V[2], V[3], V[4] + x_7V[7]\}, \\ \{V[2] + u_4V[4], V[3], V[4] + x_7V[7]\}, \{V[2] + u_4V[4] + u_5V[5], V[3], V[7]\}, \\ \{v_1V[1] + V[5], V[3], V[1]\}, \\ \{V[2] + u_4V[4], V[3], V[1]\}, \{U_2], V[3], V[1]\}, \{V[5], V[3], V[7]\}, \\ \{u_1V[1] + V[6], v_1V[1] + v_2V[2], V[3], V[1]\}, \{V[5], V[3], V[7]\}, \\ \{u_1V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_4V[4] + x_7V[7]\}, \\ \{u_1V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_4V[4] + x_7V[7]\}, \\ \{u_1V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_4V[4] + x_7V[7]\}, \\ \{u_1V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_7V[7]\}, \\ \{u_1V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1], \\ \{u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1]\}, \\ \{u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1]\}, \\ \{u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1]\}, \\ u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5$		$\{u_1V[1] + u_2V[2] + u_5V[5] + V[6], v_1V[1] + v_2V[2] + v_5V[5] + v_7V[7], V[4], V[7]\},\$
$ \begin{cases} V[3], V[6] + v_7 V[7], V[4], V[7]\}, \{V[3], v_4 V[4] + V[6], V[4], V[7]\}, \\ \{u_1 V[1] + V[2] + u_5 V[5] + V[6], V[1], V[4], V[7]\}, \\ \{u_1 V[1] + V[2] + u_4 V[4] + v_5 V[5], V[1], V[4], V[7]\}, \\ \{u_1 V[1] + V[2] + u_4 V[4] + v_5 V[5], V[1], V[4], V[7]\}, \\ \{u_1 V[1] + V[2] + v_7 V[7], V[1], V[4], V[7]\}, \{u_1 V[1] + u_1 V[4] + V[5], V[1], V[4], V[7]\}, \\ \{u_1 V[1] + V[5] + u_7 V[7], V[1], V[4], V[7]\}, \{u_1 V[1] + u_4 V[4] + V[5], V[1], V[4], V[7]\}, \\ \{V[3] + u_6 V[6], V[1], V[4], V[7]\}, \{V[3], V[1], V[4], V[7]\}, \{u_1 V[1] + V[6], V[1], V[4], V[7]\}, \\ \{V[3], V[6], V[2] + x_5 V[5]\}, \{V[3], V[6], V[2]\}, \{V[3], V[6], V[5]\}, \{V[2], V[5], V[3] + x_6 V[6]\}, \\ \{V[2], V[3], V[5]\}, \{u_1 V[1] + V[2], v_1 V[1] + V[5], x_1 V[1] + V[6]\}, \{u_1 V[1] + V[2], V[3] + v_6 V[6], V[1]\}, \\ \{u_1 V[1] + V[5], V[3] + v_6 V[6], V[1]\}, \{u_1 V[1] + V[2] + u_5 V[5], V[3], V[1]\}, \\ \{V[2] + u_5 V[5], V[3], V[4] + x_7 V[7]\}, \{u_1 V[1] + V[2], V[3], V[1]\}, \{V[2] + u_5 V[5], V[3], V[1]\}, \{V[2] + u_5 V[5], V[3], V[1]\}, \{U[2], V[3], V[1]\}, \{V[2], V[3], V[1]\}, \{V[2] + u_5 V[5], V[3], V[1]\}, \{V[2] + u_5 V[5], V[3], V[1]\}, \{V[2], V[3], V[1]\}, \{V[2], V[3], V[1]\}, \{V[2] + u_4 V[4], V[3], V[1]\}, \{U[2], V[3], V[1]\}, \{V[2], V[3], V[1]\}, \{U[1] + V[2] + v_5 V[7], V[1] + v_1 V[2], V[3], V[1]\}, \{V[1] + V[2], V[1]\}, \{u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[3], V[7]\}, \\ \{u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_4 V[4] + x_7 V[7]\}, \\ \{u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_4 V[4] + x_7 V[7]\}, \\ \{u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + v_4 V[4] + x_7 V[7]\}, \\ \{u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_4 V[4] + x_7 V[7]\}, \\ \{u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1], \\ \{u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1], \\ \{u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1], \\ \{u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + $		$\{u_1V[1] + u_2V[2] + u_5V[5] + V[6], v_1V[1] + V[2] + v_4V[4] + v_5V[5], V[4], V[7]\},\$
$ \begin{cases} u_1V[1] + V[2] + u_5V[5] + V[6], V[1], V[4], V[7]\}, \\ \{u_1V[1] + V[2] + u_4V[4] + v_5V[5], V[1], V[4], V[7]\}, \\ \{u_1V[1] + V[2] + u_4V[4] + v_5V[5], V[1], V[4], V[7]\}, \\ \{u_1V[1] + V[2] + v_7V[7], V[1], V[4], V[7]\}, \{u_1V[1] + V[2] + v_4V[4], V[1], V[4], V[7]\}, \\ \{u_1V[1] + V[5] + u_7V[7], V[1], V[4], V[7]\}, \{u_1V[1] + u_4V[4] + V[5], V[1], V[4], V[7]\}, \\ \{V[3] + u_6V[6], V[1], V[4], V[7]\}, \{V[3], V[1], V[4], V[7]\}, \{u_1V[1] + V[6], V[1], V[4], V[7]\}, \\ \{V[3], V[6], V[2] + x_5V[5]\}, \{V[3], V[6], V[2]\}, \{V[3], V[6], V[5]\}, \{V[2], V[5], V[3] + x_6V[6]\}, \\ \{V[2], V[3], V[5]\}, \{U_1V[1] + V[2], v_1V[1] + V[5], x_1V[1] + V[6]), \{u_1V[1] + V[2], V[3] + v_6V[6], V[1]\}, \\ \{u_1V[1] + V[5], V[3] + v_6V[6], V[1]\}, \{u_1V[1] + V[2] + u_5V[5], V[3], V[1]\}, \\ \{V[2] + u_5V[5], V[3], V[7]\}, \{u_1V[1] + V[2], V[3], V[1]\}, \{V[2], V[3], V[4]\}, \\ \{V[2] + u_5V[5], V[3], V[7]\}, \{u_1V[1] + V[2], V[3], V[1]\}, \{V[2], V[3], V[4]\}, \\ \{V[2] + u_5V[5], V[3], V[7]\}, \{u_1V[1] + V[2], V[3], V[1]\}, \{V[2], V[3], V[4]\}, \\ \{V[2] + u_4V[4], V[3], V[4]\}, \{V[2], V[3], V[7]\}, \{V[5] + u_7V[7], V[3], V[7]\}, \\ \{u_1V[1] + V[5], V[3], V[1]\}, \{u_4V[4] + V[5], V[3], V[4]\}, \{V[5], V[3], V[7]\}, \\ \{u_1V[1] + V[3], V[1] + V[2] + v_5V[5], V[1]\}, \{u_1V[1] + V[6], v_1V[1] + V[2], V[1]\}, \\ \{u_1V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_4V[4] + x_7V[7]\}, \\ \{u_1V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_4V[4] + x_7V[7]\}, \\ \{u_1V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_4V[4] + x_7V[7]\}, \\ \{u_1V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1], \\ \{u_1V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1], \\ \{u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1], \\ \{u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1], \\ \{u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1], \\ \{u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_4V[4] + x_7V[7]\}, \\ \{u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[$		$\{V[3], V[6] + v_7V[7], V[4], V[7]\}, \{V[3], v_4V[4] + V[6], V[4], V[7]\},$
$ \begin{cases} u_1V[1] + V[2] + u_4V[4] + v_5V[5], V[1], V[4], V[7] \}, \\ \{u_1V[1] + V[2] + u_4V[4] + v_5V[5], V[1], V[4], V[7] \}, \\ \{u_1V[1] + V[2] + u_4V[4] + v_5V[5], V[1], V[4], V[7] \}, \\ \{u_1V[1] + V[2] + v_7V[7], V[1], V[4], V[7] \}, \\ \{u_1V[1] + V[5] + u_7V[7], V[1], V[4], V[7] \}, \\ \{u_1V[1] + V[5] + u_7V[7], V[1], V[4], V[7] \}, \\ \{u_1V[1] + V[5], V[1], V[4], V[7] \}, \\ \{v_1[3], V[6], V[2] + v_5V[5] \}, \\ \{V[3], V[6], V[2] + v_5V[5] \}, \\ \{V[2], V[3], V[5] \}, \\ \{u_1V[1] + V[5], V[3] + v_6V[6], V[1] \}, \\ \{u_1V[1] + V[5], V[3] + v_6V[6], V[1] \}, \\ \{u_1V[1] + V[5], V[3] + v_6V[6], V[1] \}, \\ \{u_1V[1] + V[5], V[3], V[4] + x_7V[7] \}, \\ \{V[2] + u_5V[5], V[3], V[4] + x_7V[7] \}, \\ \{V[2] + u_5V[5], V[3], V[4] + x_7V[7] \}, \\ \{V[2] + u_5V[5], V[3], V[4] \}, \\ \{V[2] + u_5V[5], V[3], V[4] \}, \\ \{V[2] + u_4V[4], V[3], V[4] \}, \\ \{V[2] + u_4V[4] + v_5], V[3], V[7] \}, \\ \{u_1V[1] + V[5], v[3], V[1] \}, \\ \{u_1V[1] + V[6], v_1V[1] + v_1V[4] + v[5], V[3], V[4] \}, \\ \{V[5], V[3], V[4] + x_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_4V[4] + x_7V[7] \}, \\ \{u_1V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_4V[4] + x_7V[7] \}, \\ \{u_1V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[4] + x_7V[7] \}, \\ \{u_1V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[4] + x_7V[7] \}, \\ \{u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[4] + x_7V[7] \}, \\ \{u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] \}, \\ \{u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[4] + x_7V[7] \}, \\ \{u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] \}, \\ \{u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] \}, \\ \{u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] \}, \\ u_1V[1] + V[2] + u_4V[4$		$\{u_1V[1] + V[2] + u_5V[5] + V[6], V[1], V[4], V[7]\},\$
$ \begin{cases} u_1 V[1] + V[2] + u_4 V[4] + v_5 V[5], V[1], V[4], V[7] \}, \\ \{u_1 V[1] + V[2] + v_7 V[7], V[1], V[4], V[7] \}, \{u_1 V[1] + V[2] + v_4 V[4], V[1], V[4], V[7] \}, \\ \{u_1 V[1] + V[5] + u_7 V[7], V[1], V[4], V[7] \}, \{u_1 V[1] + u_4 V[4] + V[5], V[1], V[4], V[7] \}, \\ \{v_1 V[1] + v[5] + u_7 V[7], V[1], V[4], V[7] \}, \{u_1 V[1] + u_4 V[4] + V[5], V[1], V[4], V[7] \}, \\ \{V[3] + u_6 V[6], V[1], V[4], V[7] \}, \{V[3], V[1], V[4], V[7] \}, \{u_1 V[1] + V[6], V[1], V[4], V[7] \}, \\ \{V[3], V[6], V[2] + x_5 V[5] \}, \{V[3], V[6], V[2] \}, \{V[3], V[6], V[5] \}, \{V[2], V[5], V[3] + v_6 V[6] \}, \\ \{V[2], V[3], V[5] \}, \{u_1 V[1] + V[2], v_1 V[1] + V[5], x_1 V[1] + V[6] \}, \{u_1 V[1] + V[2], V[3] + v_6 V[6], V[1] \}, \\ \{u_1 V[1] + V[5], V[3], V[4] + x_7 V[7] \}, \{V[2] + u_4 V[4] + u_5 V[5], V[3], V[4] \}, \\ \{V[2] + u_5 V[5], V[3], V[4] + x_7 V[7] \}, \{V[2] + u_4 V[4] + u_5 V[5], V[3], V[4] \}, \\ \{V[2] + u_5 V[5], V[3], V[1] \}, \{V[2], V[3], V[1] \}, \{V[2], V[3], V[4] \}, \{V[2] + u_4 V[4], V[3], V[4] \}, \{V[2], V[3], V[7] \}, \{V[2] + u_4 V[4], V[3], V[4] \}, \{V[2], V[3], V[7] \}, \{V[2] + u_4 V[4], V[3], V[4] \}, \{V[2], V[3], V[7] \}, \{V[2] + u_4 V[4], V[3], V[4] \}, \{V[2], V[3], V[7] \}, \{V[2] + u_4 V[4], V[3], V[1] \}, \{V[2], V[3], V[1] \}, \{V[2] + u_7 V[7] \}, \{u_4 V[4] + v_7 V[7] \}, \{V[3], V[1] + v_1 V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_4 V[4] + x_7 V[7] \}, \\ \{u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_7 V[7] \}, \\ \{u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] \}, \\ \{u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[4] + x_7 V[7] \}, \\ \{u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[4] + x_7 V[7] \}, \\ \{u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[4] + x_7 V[7] \}, \\ \{u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[4] + x_7 V[7] \}, \\ \{u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[4] + x_7 V[7] \}, \\ \{u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[$		$\{u_1V[1] + V[2] + u_4V[4] + v_5V[5], V[1], V[4], V[7]\},\$
$ \begin{cases} u_1 V[1] + V[2] + u_7 V[7], V[1], V[4], V[7] \}, \{u_1 V[1] + V[2] + u_4 V[4], V[1], V[4], V[7] \}, \\ \{u_1 V[1] + V[5] + u_7 V[7], V[1], V[4], V[7] \}, \{u_1 V[1] + u_4 V[4] + V[5], V[1], V[4], V[7] \}, \\ \{V[3] + u_6 V[6], V[1], V[4], V[7] \}, \{V[3], V[1], V[4], V[7] \}, \{u_1 V[1] + V[6], V[1], V[4], V[7] \}, \\ \{V[3] + u_6 V[6], V[1], V[4], V[7] \}, \{V[3], V[1], V[4], V[7] \}, \{u_1 V[1] + V[6], V[1], V[4], V[7] \}, \\ \{V[3] + u_6 V[6], V[1] + x_5 V[5] \}, \{V[3], V[6], V[2] \}, \{V[3], V[6], V[5] \}, \{V[2], V[5], V[3] + u_6 V[6] \}, \\ \{V[2], V[3], V[5] \}, \{u_1 V[1] + V[2], v_1 V[1] + V[5], x_1 V[1] + V[6] \}, \{u_1 V[1] + V[2], V[3] + u_6 V[6] \}, V[1] \}, \\ \{u_1 V[1] + V[5], V[3] + u_6 V[6], V[1] \}, \{u_1 V[1] + V[2] + u_5 V[5], V[3], V[1] \}, \\ \{V[2] + u_5 V[5], V[3], V[4] + x_7 V[7] \}, \{V[2] + u_4 V[4] + u_5 V[5], V[3], V[4] \}, \\ \{V[2] + u_5 V[5], V[3], V[7] \}, \{u_1 V[1] + V[2], V[3], V[1] \}, \{V[2], V[3], V[4] + x_7 V[7] \}, \\ \{V[2] + u_4 V[4], V[3], V[4] \}, \{V[2], V[3], V[7] \}, \{V[5] + u_7 V[7], V[3], V[7] \}, \\ \{V[2] + u_4 V[4], V[3], V[4] \}, \{V[2], V[3], V[7] \}, \{V[5] + u_7 V[7], V[3], V[7] \}, \\ \{u_1 V[1] + V[5], V[3], V[1] \}, \\ \{V[5], V[3], V[4] + x_7 V[7] \}, \{u_4 V[4] + V[5], V[3], V[4] \}, \{V[5], V[3], V[7] \}, \\ \{u_1 V[1] + V[6], v_1 V[1] + v_1 V[4] + V[5], V[7] , V[1] + x_4 V[4] + x_7 V[7] \}, \\ \{u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_7 V[7] \}, \\ \{u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[4] + x_7 V[7] \}, \\ \{u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[4] + x_7 V[7] \}, \\ \{u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[4] + x_7 V[7] \}, \\ \{u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[4] + x_7 V[7] \}, \\ \{u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[4] + x_7 V[7] \}, \\ \{u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_4 V[4] + x_7 V[7] \}, \\ \{u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_4 V[4] + x_7 V[7] \}, \\ \{u_1 V[1]$		$\{u_1V_{11} + V_{12} + u_4V_{14} + v_5V_{15} V_{11} , V_{14} , V_{17} \}$
$ \begin{cases} \{u_1 V[2] + V[2] + u_1 V[7], V[1], V[1], V[1], V[1], V[1], V[1], V[1] + u_4 V[4] + V[5], V[1], V[4], V[7]\}, \\ \{u_1 V[1] + u_6 V[6], V[1], V[4], V[7]\}, \{V_1 V[3], V[1], V[4], V[7]\}, \{u_1 V[1] + V[6], V[1], V[4], V[7]\}, \\ \{V[3] + u_6 V[6], V[1], V[4], V[7]\}, \{V[3], V[6], V[2]\}, \{V[3], V[6], V[5]\}, \{V[2], V[5], V[3] + x_6 V[6]\}, \\ \{V[2], V[3], V[5]\}, \{u_1 V[1] + V[2], v_1 V[1] + V[5], x_1 V[1] + V[6]\}, \{u_1 V[1] + V[2], V[3] + v_6 V[6], V[1]\}, \\ \{u_1 V[1] + V[5], V[3] + v_6 V[6], V[1]\}, \{u_1 V[1] + V[2] + u_5 V[5], V[3], V[1]\}, \\ \{v_1 V[1] + v_5 V[5], V[3], V[4] + x_7 V[7]\}, \{V[2] + u_4 V[4] + u_5 V[5], V[3], V[4]\}, \\ \{V[2] + u_5 V[5], V[3], V[7]\}, \{u_1 V[1] + V[2], V[3], V[1]\}, \{V[2], V[3], V[4]\}, \\ \{V[2] + u_5 V[5], V[3], V[4] + x_7 V[7]\}, \{u_1 V[1] + V[2], V[3], V[1]\}, \{V[2], V[3], V[4]\}, \\ \{V[2] + u_4 V[4], V[3], V[4]\}, \{V[2], V[3], V[7]\}, \{V[5] + u_7 V[7], V[3], V[7]\}, \\ \{u_1 V[1] + V[5], V[3], V[1]\}, \\ \{V[5], V[3], V[4] + x_7 V[7]\}, \{u_4 V[4] + V[5], V[3], V[4]\}, \{V[5], V[3], V[7]\}, \\ \{u_1 V[1] + V[6], v_1 V[1] + v_1 V[2] + v_5 V[5], V[1]\}, \{u_1 V[1] + V[6], v_1 V[1] + V[2], V[1]\}, \\ \{u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_4 V[4] + x_7 V[7]\}, \\ \{u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_7 V[7]\}, \\ \{u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_7 V[7]\}, \\ \{u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[4] + x_7 V[7]\}, \\ \{u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[4] + x_7 V[7]\}, \\ \{u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[4] + x_7 V[7]\}, \\ \{u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[4] + x_7 V[7]\}, \\ \{u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[4] + x_7 V[7]\}, \\ \{u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_4 V[4] + x_7 V[7]\}, \\ \{u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_4 V[4] + x_7 V[7]\}, \\ \{u_1 V[1] + V[2] + u_4 V$		$\{u_1V_{11} + V_{12}\} + v_7V_{17}V_{17}V_{11}V_{14}V_{17}V_{17}\}, \{u_1V_{11} + V_{12}\} + v_4V_{14}V_{17}V_{$
$ \{ V[3] + V[6] + u_{1}V[1], V[1], V[1], V[1], V[1], V[1], V[1] + u_{4}V[1] + V[1], V[1],$		$\begin{bmatrix} (u_1, [i_1] + V_1[i_1] + [i_1], [i_1], [i_1], [i_1], [i_1], [i_1], [i_1] + [i_1] + [i_2] + [i_4], [i_1], [i_1]$
$ \begin{array}{l} & \{V[5] + u_6 V[6], V[1], V[2], V[1], V[2], V[2], V[2], V[2], V[2], V[2], V[2], V[2], V[3], V[3], x_{6}V[6], \\ & \{V[3], V[6], V[2] + x_5 V[5]\}, \{V[3], V[6], V[2]\}, \{V[3], V[6], V[5]\}, \{V[2], V[5], V[3] + x_6 V[6]\}, \\ & \{V[2], V[3], V[5]\}, \{u_1 V[1] + V[2], v_1 V[1] + V[5], x_1 V[1] + V[6]\}, \{u_1 V[1] + V[2], V[3] + v_6 V[6], V[1]\}, \\ & \{u_1 V[1] + V[5], V[3] + v_6 V[6], V[1]\}, \{u_1 V[1] + V[2] + u_5 V[5], V[3], V[1]\}, \\ & \{V[2] + u_5 V[5], V[3], V[4] + x_7 V[7]\}, \{V[2] + u_4 V[4] + u_5 V[5], V[3], V[4]\}, \\ & \{V[2] + u_5 V[5], V[3], V[4] + x_7 V[7]\}, \{u_1 V[1] + V[2], V[3], V[1]\}, \{V[2], V[3], V[4]\}, \\ & \{V[2] + u_4 V[4], V[3], V[4]\}, \{V[2], V[3], V[7]\}, \{V[5] + u_7 V[7], V[3], V[7]\}, \\ & \{V[2] + u_4 V[4], V[3], V[4]\}, \{V[2], V[3], V[7]\}, \{V[5] + u_7 V[7], V[3], V[7]\}, \\ & \{u_1 V[1] + V[5], V[3], V[1]\}, \\ & \{V[5], V[3], V[4] + x_7 V[7]\}, \{u_4 V[4] + V[5], V[3], V[4]\}, \{V[5], V[3], V[7]\}, \\ & \{u_1 V[1] + V[6], v_1 V[1] + V[2] + v_5 V[5], V[1]\}, \{u_1 V[1] + V[6], v_1 V[1] + V[2], V[1]\}, \\ & \{u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_4 V[4] + x_7 V[7]\}, \\ & \{u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1], \\ & \{u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1], \\ & \{u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1], \\ & \{u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[4], \\ & \{u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[4], \\ & \{u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[4], \\ & \{u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[4], \\ & \{u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_4 V[4] + x_7 V[7]\}, \\ & \{u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_7 V[7]\}, \\ & \{u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_7 V[7]\}, \\ & \{u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_7 V[7]\}, \\ & \{u_1 V[1] + V[2] $		$\begin{bmatrix} u_1, u_1 \\ \dots & u_n \end{bmatrix} \begin{bmatrix} u_1, u_1, u_1, u_1, u_1, u_1, u_1, u_1,$
$ \begin{cases} \{v[3], v[0], v[2] + u_{3}v[3], \{v[3], v[0], v[2]\}, \{v[0], v[0]\}, \{v[3], \{v[3], v[3]\}, \{v[3], v[3]\}, v_{6}v[6]\}, \{v[1]\}, \{v[2], v[3], v[3]\}, v_{6}v[6], v[1]\}, \{u_{1}v[1] + V[2], v_{1}v[1] + v_{1}v_{1}v_{1}v_{1}v_{1}v_{1}v_{1}v_{1}$	2	$\begin{bmatrix} V & [0] + a_0 + [0] + [1] $
$ \{ v [2], v [3], v [3], v [4], v [1] + v [2], v [1] + v [3], x 1v [1] + v [0], x 4u v [1] + v [2], v [3] + v_6 v [6], v [1] \}, \\ \{ u_1 V [1] + V [5], V [3] + v_6 V [6], V [1] \}, \{ u_1 V [1] + V [2] + u_5 V [5], V [3], V [1] \}, \\ \{ V [2] + u_5 V [5], V [3], V [4] + x_7 V [7] \}, \{ V [2] + u_4 V [4] + u_5 V [5], V [3], V [4] \}, \\ \{ V [2] + u_5 V [5], V [3], V [7] \}, \{ u_1 V [1] + V [2], V [3], V [1] \}, \{ V [2], V [3], V [4] \}, \\ \{ V [2] + u_4 V [4], V [3], V [4] \}, \{ V [2], V [3], V [7] \}, \{ V [5] + u_7 V [7], V [3], V [7] \}, \\ \{ U _1 V [1] + V [5], V [3], V [1] \}, \\ \{ V _1 V [1] + V [5], V [3], V [1] \}, \\ \{ V _1 V [1] + V [6], v 1 V [1] + V [2] + v_5 V [5], V [3], V [4] \}, \{ V [5], V [3], V [7] \}, \\ \{ u_1 V [1] + V [6], v 1 V [1] + V [2] + v_5 V [5], V [1] \}, \{ u_1 V [1] + V [6], v 1 V [1] + V [2], V [1] \}, \\ \{ u_1 V [1] + V [2] + u_7 V [7], v_1 V [1] + v_4 V [4] + V [5] + v_7 V [7], V [1] + x_4 V [4] + x_7 V [7] \}, \\ \{ u_1 V [1] + V [2] + u_7 V [7], v_1 V [1] + v_4 V [4] + V [5] + v_7 V [7], V [1] + x_7 V [7] \}, \\ \{ u_1 V [1] + V [2] + u_7 V [7], v_1 V [1] + v_4 V [4] + V [5] + v_7 V [7], V [1] + x_7 V [7] \}, \\ \{ u_1 V [1] + V [2] + u_7 V [7], v_1 V [1] + v_4 V [4] + V [5] + v_7 V [7], V [1] + x_7 V [7] \}, \\ \{ u_1 V [1] + V [2] + u_7 V [7], v_1 V [1] + v_4 V [4] + V [5] + v_7 V [7], V [1] + x_7 V [7] \}, \\ \{ u_1 V [1] + V [2] + u_7 V [7], v_1 V [1] + v_4 V [4] + V [5] + v_7 V [7], V [1] + x_7 V [7] \}, \\ \{ u_1 V [1] + V [2] + u_4 V [4], v_1 V [1] + v_4 V [4] + V [5] + v_7 V [7], V [1] + x_4 V [4] + x_7 V [7] \}, \\ \{ u_1 V [1] + V [2] + u_4 V [4], v_1 V [1] + v_4 V [4] + V [5] + v_7 V [7], V [1] + x_4 V [4] + x_7 V [7] \}, \\ \{ u_1 V [1] + V [2] + u_4 V [4], v_1 V [1] + v_4 V [4] + V [5] + v_7 V [7], V [1] + x_4 V [4] + x_7 V [7] \}, \\ \{ u_1 V [1] + V [2] + u_4 V [4], v_1 V [1] + v_4 V [4] + V [5] + v_7 V [7], V [1] + x_7 V [7] \}, \\ \{ u_1 V [1] + V [2] + u_4 V [4], v_1 V [1] + v_4 V [4] + V [5] + v_7 V [7], V [1] + x_7 V [7] \}, \\ \{ u_1 V [1] + V [2] + u_4 V [4], v_1 V [1] + v_4 V [4] + V [5] + v_7 V [7], V [1] + x_7 $	5	$[V[0], V[0], V[2] \pm \delta_5 V[0]_5, [V[0], V[0], V[2]_5, [V[0], V[0], V[0]_5, [V[2], V[0], V[0] \pm \delta_6 V[0]_5, [V[1], V[0], V[1], V[1],$
$ \{ u_1 \vee [1] + \nu [3], \nu [3] + \nu_6 \nu [0], \nu [1] \}, \{ u_1 \nu [1] + \nu [2] + u_5 \nu [3], \nu [3], \nu [4] \}, \\ \{ V[2] + u_5 V[5], V[3], V[4] + x_7 V[7] \}, \{ V[2] + u_4 V[4] + u_5 V[5], V[3], V[4] \}, \\ \{ V[2] + u_5 V[5], V[3], V[7] \}, \{ u_1 V[1] + V[2], V[3], V[1] \}, \{ V[2], V[3], V[4] + x_7 V[7] \}, \\ \{ V[2] + u_4 V[4], V[3], V[4] \}, \{ V[2], V[3], V[7] \}, \{ V[5] + u_7 V[7], V[3], V[7] \}, \\ \{ u_1 V[1] + V[5], V[3], V[1] \}, \\ \{ V[5], V[3], V[4] + x_7 V[7] \}, \{ u_4 V[4] + V[5], V[3], V[4] \}, \{ V[5], V[3], V[7] \}, \\ \{ u_1 V[1] + V[6], v_1 V[1] + V[2] + v_5 V[5], V[1] \}, \{ u_1 V[1] + V[6], v_1 V[1] + V[2], V[1] \}, \\ \{ u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_4 V[4] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] \}, \\ \{ u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[4] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[4] \}, \\ \{ u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[4] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_4 V[4] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_4 V[4] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_4 V[4] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_4 V[4] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_4 V[4] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_7 V[7] \}, \\ \} $		$\{V[2], V[0], V[0]\}, \{u_1V[1] + V[2], v_1V[1] + V[0], u_1V[1] + V[0]\}, \{u_1V[1] + V[2], V[0] + v_6V[0], V[1]\}, (u_1V[1] + V[2], V[0] + v_6V[0], V[1]\}, (u_1V[1] + V[2], V[0]) = V[0], (u_1V[1] + V[2], u_1V[2]) = V[0], (u_1V[1] + v_1V[2], u_1V[2]) = V[0], (u_1V[1] + v_1V[2]) = V[0], (u_1V[1] + v_1V[1]) = V[0], (u_1V[1]) =$
$ \{ V[2] + u_5 V[5], V[3], V[4] + x_7 V[7] \}, \{ V[2] + u_4 V[4] + u_5 V[5], V[3], V[4] \}, \\ \{ V[2] + u_5 V[5], V[3], V[7] \}, \{ u_1 V[1] + V[2], V[3], V[1] \}, \{ V[2], V[3], V[4] + x_7 V[7] \}, \\ \{ V[2] + u_4 V[4], V[3], V[4] \}, \{ V[2], V[3], V[7] \}, \{ V[5] + u_7 V[7], V[3], V[7] \}, \\ \{ u_1 V[1] + V[5], V[3], V[1] \}, \\ \{ V[5], V[3], V[4] + x_7 V[7] \}, \{ u_4 V[4] + V[5], V[3], V[4] \}, \{ V[5], V[3], V[7] \}, \\ \{ u_1 V[1] + V[6], v_1 V[1] + V[2] + v_5 V[5], V[1] \}, \{ u_1 V[1] + V[6], v_1 V[1] + V[2], V[1] \}, \\ \{ u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_4 V[4] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] \}, \\ \{ u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[4] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[4] \}, \\ \{ u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[4] \}, \\ \{ u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_4 V[4] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_4 V[4] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_4 V[4] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + v_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + v_7 V[7] \}, \\ \{ v_1 $		$\{u_1 v \mid 1 + v \mid 0 \mid , v \mid 0 \mid + v_6 v \mid 0 \mid , v \mid 1 \mid \}, \{u_1 v \mid 1 + v \mid 2 \mid + u_5 v \mid 0 \mid , v \mid 0 \mid , v \mid 1 \mid], \{u_1 \mid v \mid 2 \mid + v \mid 2 \mid + u_5 v \mid 0 \mid , v \mid 1 \mid$
$ \{ V[2] + u_5 V[5], V[3], V[1] \}, \{ u_1 V[1] + V[2], V[3], V[1] \}, \{ V[2], V[3], V[4] + x_7 V[7] \}, \\ \{ V[2] + u_4 V[4], V[3], V[4] \}, \{ V[2], V[3], V[7] \}, \{ V[5] + u_7 V[7], V[3], V[7] \}, \\ \{ u_1 V[1] + V[5], V[3], V[1] \}, \\ \{ V[5], V[3], V[4] + x_7 V[7] \}, \{ u_4 V[4] + V[5], V[3], V[4] \}, \{ V[5], V[3], V[7] \}, \\ \{ u_1 V[1] + V[6], v_1 V[1] + V[2] + v_5 V[5], V[1] \}, \{ u_1 V[1] + V[6], v_1 V[1] + V[2], V[1] \}, \\ \{ u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_4 V[4] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] \}, \\ \{ u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[4] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[4] \}, \\ \{ u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[4] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_4 V[4] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_4 V[4] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_4 V[4] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_4 V[4] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + v_7 V[7] \}, \\ \{ v_1 V[1] + v_1 V[2] + v_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V$		$\{V[2] + u_5 V[3], V[3], V[4] + x_7 V[i]\}, \{V[2] + u_4 V[4] + u_5 V[3], V[3], V[4]\}, \{V[2] + u_5 V[3], V[4]\}, \{V[2] + u_$
$ \{ V[2] + u_4 V[4], V[3], V[4] \}, \{ V[2], V[3], V[1] \}, \{ V[5] + u_7 V[7], V[3], V[1] \}, \\ \{ u_1 V[1] + V[5], V[3], V[1] \}, \\ \{ V[5], V[3], V[4] + x_7 V[7] \}, \{ u_4 V[4] + V[5], V[3], V[4] \}, \{ V[5], V[3], V[7] \}, \\ \{ u_1 V[1] + V[6], v_1 V[1] + V[2] + v_5 V[5], V[1] \}, \{ u_1 V[1] + V[6], v_1 V[1] + V[2], V[1] \}, \\ \{ u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_4 V[4] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] \}, \\ \{ u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[4] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[4] \}, \\ \{ u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_4 V[4] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_4 V[4] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_4 V[4] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_4 V[4] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + v_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + v_7 V[7] $		$\{V[2] + u_5V[3], V[3], V[I]\}, \{u_1V[1] + V[2], V[3], V[1]\}, \{V[2], V[3], V[4] + x_7V[I]\}, \{v_1v_1v_2v_1v_3$
$ \{ u_1 V[1] + V[5], V[3], V[1] \}, \\ \{ V[5], V[3], V[4] + x_7 V[7] \}, \{ u_4 V[4] + V[5], V[3], V[4] \}, \{ V[5], V[3], V[7] \}, \\ \{ u_1 V[1] + V[6], v_1 V[1] + V[2] + v_5 V[5], V[1] \}, \{ u_1 V[1] + V[6], v_1 V[1] + V[2], V[1] \}, \\ \{ u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_4 V[4] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] \}, \\ \{ u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[4] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[4] \}, \\ \{ u_1 V[1] + V[2] + u_7 V[7], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_4 V[4] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_4 V[4] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_4 V[4] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + x_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + v_7 V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4 V[4], v_1 V[1] + v_4 V[4] + V[5] + v_7 V[7], V[1] + v_7 V[7] \}, \\ \{ u_1 $		$\{V[2] + u_4V[4], V[3], V[4]\}, \{V[2], V[3], V[7]\}, \{V[5] + u_7V[7], V[3], V[7]\}, \{V[5] + u_7V[7], V[3], V[7]\}, \{V[7], V[7]\}, \{V$
$ \{V[5], V[3], V[4] + x_7V[7]\}, \{u_4V[4] + V[5], V[3], V[4]\}, \{V[5], V[3], V[7]\}, \\ \{u_1V[1] + V[6], v1V[1] + V[2] + v_5V[5], V[1]\}, \{u_1V[1] + V[6], v1V[1] + V[2], V[1]\}, \\ \{u_1V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_4V[4] + x_7V[7]\}, \\ \{u_1V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_7V[7]\}, \\ \{u_1V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1]\}, \\ \{u_1V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[4] + x_7V[7]\}, \\ \{u_1V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[4]\}, \\ \{u_1V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[7]\}, \\ \{u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_4V[4] + x_7V[7]\}, \\ \{u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_4V[4] + x_7V[7]\}, \\ \{u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_4V[4] + x_7V[7]\}, \\ \{u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_4V[4] + x_7V[7]\}, \\ \{u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_7V[7]\}, \\ \{u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_7V[7]\}, \\ \{u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_7V[7]\}, \\ \{u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_7V[7]\}, \\ \{u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_7V[7]\}, \\ \{u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_7V[7]\}, \\ \{u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_7V[7]\}, \\ \{u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + v_7V[7]\}, \\ \{u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + v_7V[7]\}, \\ \{u_1V[1] + v_1V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + v_7V[7]\}, \\ \{u_1V[1] + v_1V[2] + u_4V[4], v_1V[1] + v_4V[4] + v_1V[4] + v_7V[7], V[1] + v_7V[7]]\}, \\ \{u_1V[1] + v_1V[2] + v_4V[4], v_1V[1] + v_4V[4] + v_1V[4] +$		$\{u_1V[1] + V[5], V[3], V[1]\},\$
$ \{ u_1 V[1] + V[6], v1V[1] + V[2] + v_5V[5], V[1] \}, \{ u_1 V[1] + V[6], v1V[1] + V[2], V[1] \}, \\ \{ u_1 V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_4V[4] + x_7V[7] \}, \\ \{ u_1 V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_7V[7] \}, \\ \{ u_1 V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] \}, \\ \{ u_1 V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[4] + x_7V[7] \}, \\ \{ u_1 V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[4] \}, \\ \{ u_1 V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_4V[4] + x_7V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_4V[4] + x_7V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_7V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_7V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_7V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_7V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_7V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_7V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_7V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_7V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_7V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + v_7V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + v_7V[7] \}, \\ \{ u_1 V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + v_7V[7] \}, \\ \} \} \} \} \}$		$\{V[5], V[3], V[4] + x_7V[7]\}, \{u_4V[4] + V[5], V[3], V[4]\}, \{V[5], V[3], V[7]\}, \{u_4V[4] + V[5], V[7]\}, \{u_4V[4] + V[7], V[7]\}, (u_4V[4] + V[7], V[7]\}, (u_4V[4] + V[7], V[7]), (u_4V[4], V[7]), (u_4V[4], V[7]), (u_4V[4], V[7]), (u_4V[4], V[7]), (u_4V[4], V[7]), (u_4V[4], V[7$
$ \{ u_1V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_4V[4] + x_7V[7] \}, \\ \{ u_1V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_7V[7] \}, \\ \{ u_1V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] \}, \\ \{ u_1V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[4] + x_7V[7] \}, \\ \{ u_1V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[4] \}, \\ \{ u_1V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[7] \}, \\ \{ u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_4V[4] + x_7V[7] \}, \\ \{ u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_4V[4] + x_7V[7] \}, \\ \{ u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_7V[7] \}, \\ \{ u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_7V[7] \}, \\ \{ u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_7V[7] \}, \\ \{ u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_7V[7] \}, \\ \{ u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_7V[7] \}, \\ \{ u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_7V[7] \}, \\ \{ u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_7V[7] \}, \\ \{ u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_7V[7] \}, \\ \{ u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_7V[7] \}, \\ \{ u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_7V[7] \}, \\ \{ u_1V[1] + v_1V[2] + v_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + v_7V[7] \}, \\ \{ u_1V[1] + v_1V[2] + v_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + v_7V[7] \}, \\ \{ u_1V[1] + v_1V[2] + v_4V[4], v_1V[1] + v_4V[4] + v_1V[4] + v_7V[7] \}, \\ \{ u_1V[1] + v_1V[2] + v_4V[4], v_1V[1] + v_4V[4] + v_1V[4] + v_7V[7] \}, \\ \{ u_1V[1] + v_1V[2] + v_4V[4], v_1V[1] + v_4V[4] + v_1V[4] $		$\{u_1V[1] + V[6], v_1V[1] + V[2] + v_5V[5], V[1]\}, \{u_1V[1] + V[6], v_1V[1] + V[2], V[1]\},$
$ \begin{cases} u_1V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_7V[7] \}, \\ \{u_1V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] \}, \\ \{u_1V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[4] + x_7V[7] \}, \\ \{u_1V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[4] \}, \\ \{u_1V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[7] \}, \\ \{u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_4V[4] + x_7V[7] \}, \\ \{u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_4V[4] + x_7V[7] \}, \end{cases} $		$\{u_1V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_4V[4] + x_7V[7]\},\$
$ \{ u_1V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] \}, \\ \{ u_1V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[4] + x_7V[7] \}, \\ \{ u_1V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[4] \}, \\ \{ u_1V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[7] \}, \\ \{ u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_4V[4] + x_7V[7] \}, \\ \{ u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_7V[7] \}, \\ \{ u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_7V[7] \}, \\ \} \} $		$\{u_1V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_7V[7]\},\$
$ \begin{cases} u_1V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[4] + x_7V[7] \}, \\ \{u_1V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[4] \}, \\ \{u_1V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[7] \}, \\ \{u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_4V[4] + x_7V[7] \}, \\ \{u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_7V[7] \}, \end{cases} $		$\{u_1V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1]\},\$
$ \{ u_1V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[4] \}, \\ \{ u_1V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[7] \}, \\ \{ u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_4V[4] + x_7V[7] \}, \\ \{ u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_7V[7] \}, $		$\{u_1V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[4] + x_7V[7]\},\$
$ \{ u_1V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[7] \}, \\ \{ u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_4V[4] + x_7V[7] \}, \\ \{ u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_7V[7] \}, $		$\{u_1V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[4]\},\$
$ \{ u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_4V[4] + x_7V[7] \}, \\ \{ u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_7V[7] \}, $		$\{u_1V[1] + V[2] + u_7V[7], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[7]\},\$
$\{u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_7V[7]\},$		$\{u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_4V[4] + x_7V[7]\},\$
		$\{u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1] + x_7V[7]\},$
$\{u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1]\},\$		$\{u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[1]\},\$

Dimension	Optimal system
3	$\{u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[4] + x_7V[7]\},\$
	$\{u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[4]\},\$
	$\{u_1V[1] + V[2] + u_4V[4], v_1V[1] + v_4V[4] + V[5] + v_7V[7], V[7]\},\$
	$\{u_2V[2] + V[3] + u_5V[5], v_1V[1] + v_2V[2] + v_5V[5] + V[6], V[1]\},\$
	$\{u_2V[2] + V[3] + u_5V[5] + u_6V[6], v_1V[1] + v_2V[2] + v_5V[5], V[1]\},\$
	$\{u_2V[2] + V[3] + u_5V[5], v_1V[1] + v_2V[2] + v_5V[5], V[1]\},\$
	$\{u_2V[2] + V[3] + u_5V[5], v_2V[2] + v_5V[5], V[4] + x_7V[7]\},\$
	$\{u_2V[2] + V[3] + u_5V[5], v_2V[2] + v_4V[4] + v_5V[5], V[4]\},\$
	$\{u_2V[2] + V[3] + u_5V[5], v_2V[2] + v_5V[5], V[7]\},\$
	$\{u_2V[2] + V[3] + u_5V[5], v_2V[2] + v_5V[5] + V[6], V[1]\},\$
	$\{V[3], v_1V[1] + V[6], V[1]\}, \{u_1V[1] + V[2] + u_5V[5] + u_7V[7], V[1] + v_7V[7], V[4] + x_7V[7]\}, v_1V[1] + v_7V[7], v_1V[7], v_1V[7] + v_7V[7], v_1V[7] + v_7V[7] + v_7V[$
	$\{u_1V[1] + V[2] + u_5V[5] + u_7V[7], V[1] + v_4V[4], V[7]\},\$
	$\{u_1V[1] + V[2] + u_5V[5] + u_7V[7], v_4V[4], V[4] + x_7V[7]\},\$
	$\{u_1V[1] + V[2] + u_4V[4] + u_5V[5], V[1] + v_7V[7], V[4] + x_7V[7]\},\$
	$\{u_1V[1] + V[2] + u_4V[4] + u_5V[5], V[1] + v_4V[4], V[7]\},\$
	$\{u_1V[1] + V[2] + u_4V[4] + u_5V[5], V[4], V[7]\},\$
	$\{u_1V[1] + V[2] + u_7V[7], V[1] + v_7V[7], V[4] + x_7V[7]\},\$
	$\{u_1V[1] + V[2] + u_7V[7], V[1] + v_4V[4], V[7]\},\$
	$\{u_1V[1] + V[2] + u_7V[7], V[4], V[7]\}, \{u_1V[1] + V[2] + u_4V[4], V[1] + v_7V[7], V[4] + x_7V[7]\}, \{u_1V[1] + v_7V[7], V[4] + v_7V[7]\}, \{u_1V[1] + v_7V[7], V[4] + v_7V[7]\}, \{u_1V[1] + v_7V[7], v_7V[7], v_7V[7]\}, \{u_1V[1] + v_7V[7], v_7V[7]\}, \{u_1V[1] + v_7V[7], v_7V[7]\}, \{u_1V[1] + v_7V[7], v_7V[7]\}, v_7V[7]\}, \{u_1V[1] + v_7V[7], v_7V[7]\}, v_7V[7]\}, v_7V[7]\}, v_7V[7], v_7V[7], v_7V[7]\}, v_7V[7], v_7V[7]\}, v_7V[7], v_7V[7]\}, v_7V[7], v_7V[7]\}, v_7V[7], v_7V[7], v_7V[7]\}, v_7V[7], v_7V[7]\}, v_7V[7], v_7V[7]\}, v_7V[7], v_7V[7]\}, v_7V[7], v_7V[7]\}, v_7V[7], v_7V[7]\}, v_7V[7], v_7V[7]], v_7V[7]\}, v_7V[7], v_7V[7]\}, v_7V[7], v_7V[7]], v_7V[7], v_7V[7]]$
	$\{u_1V[1] + V[2] + u_4V[4], V[1] + v_4V[4], V[7]\}, \{u_1V[1] + V[2] + u_4V[4], V[4], V[7]\}, \{u_1V[1] + V[2] + u_4V[4], V[4], V[7]\}, \{u_1V[1] + v_4V[4], V[4], V[7]\}, \{u_1V[1] + v_4V[4], V[4], V[7]\}, \{u_1V[1] + v_4V[4], v$
	$\{u_1V[1] + V[5] + u_7V[7], V[1] + v_7V[7], V[4] + x_7V[7]\},$
	$\{u_1V[1] + V[5] + u_7V[7], V[1] + v_4V[4], V[7]\},\$
	$\{u_1V[1] + V[5] + u_7V[7], V[4], V[7]\}, \{u_1V[1] + u_4V[4] + V[5], V[1] + v_7V[7], V[4] + x_7V[7]\}, \{u_1V[1] + u_4V[4] + V[5], V[1] + v_7V[7], V[4] + x_7V[7]\}, \{u_1V[1] + u_4V[4] + V[5], V[1] + v_7V[7], V[4] + v_7V[7]\}, \{u_1V[1] + u_4V[4] + v_7V[7], V[4] + v_7V[7], V[4] + v_7V[7]\}, \{u_1V[1] + u_4V[4] + v_7V[7], V[4] + v_7V[7], V[4] + v_7V[7]\}, \{u_1V[1] + u_4V[4] + v_7V[7], V[4] + v_7V[7], V[4] + v_7V[7]\}, \{u_1V[1] + u_4V[4] + v_7V[7], V[4] + v_7V[7], V[4] + v_7V[7]\}, \{u_1V[1] + u_4V[4] + v_7V[7], v_7V[7]\}, u_1V[7] + v_7V[7]\}, u_1V[7] + v_7V[7], u_1V[7] + v_7V[7]\}, u_1V[7] + v_7V[7], u_1V[7] + v_7V[7] + v_7V[7], u_1V[7] + v_7V[7] + v_7V[7$
	$\{u_1V[1] + u_4V[4] + V[5], V[1] + v_4V[4], V[7]\}, \{u_1V[1] + u_4V[4] + V[5], V[4], V[7]\}, \{u_1V[1] + u_4V[4] + V[5], V[6], V[6], V[7]\}, \{u_1V[1] + u_4V[6] + V[5], V[6], V[6], V[7]\}, u_1V[6] + V[6], $
	$\{V[3] + u_6V[6], V[4], V[7]\}, \{V[3], V[1] + v_7V[7], V[4] + x_7V[7]\}, \{V[3], V[1] + v_4V[4], V[7]\}, \{V[3], V[2], V[2],$
	$\{V[3], V[4], V[7]\}, \{u_1V[1] + V[6], V[4], V[7]\}, \{v_1V[1] + V[6], V[6], V[6], V[6]\}, v_1V[1], V[7]\}, \{v_1V[1] + V[6], V[6], V[6], V[6], V[6]\}, v_1V[6], V[6], V[6]\}, v_1V[6], V[6], V[6], V[6]\}, v_1V[6], V[6], V[6], V[6]\}, v_1V[6], V[6], V[6]\}, v_1V[6], V[6]\}, v_1V[6], V[6], V[6]\}, v_1V[6], v_1V[6], v_1V[6]\}, v_1V[6], v_1V[6]\}, v_1V[6], v_1V[6], v_1V[6]\}, v_1V[6], v_1V[6], v_1V[6]\}, v_1V[6]\}, v_1V[6], v_1V[6]\}, v_$
	$\{u_1V[1] + V[2] + u_5V[5] + u_7V[7], V[1] + v_7V[7], V[4] + x_7V[7]\},\$
	$\{u_1V[1] + V[2] + u_5V[5], +u_7V[7], V[1] + v_4V[4] + V[7]\}$
2	$\{V[2] + u_5V[5], V[3] + v_6V[6]\}, \{V[2], V[3] + v_6V[6]\}, \{u_1V[1] + V[5], V[3] + v_6V[6]\}, \{v_1V[2] + v_6V[6]\},$
	$\{V[2] + u_5V[5], V[3]\}, \{V[2], V[3]\}, \{V[5], V[3]\}, \{u_1V[1] + V[6], v_1V[1] + V[2] + v_5V[5]\}, V[1] + V[1] + V[2] + v_5V[5]\}, V[2] + v_5V[5]\}, V[2] + v_5V[5] + v_5$
	$\{u_1V[1] + V[6], v_1V[1] + V[2]\}, \{u_1V[1] + V[6], v_1V[1] + V[5]\},\$
	$\{u_1V[1] + u_7V[7] + V[2], v_1V[1] + v_4V[4] + v_7V[7] + V[5]\},\$
	$\{u_1V[1] + u_4V[4] + V[2], v_1V[1] + v_4V[4] + v_7V[7] + V[5]\},\$
	$\{u_2V[2] + V[3] + u_5V[5], v_2V[2] + v_5V[5]\}, \{u_2V[2] + V[3] + u_5V[5], v_2V[2] + v_5V[5] + V[6]\}, u_2V[2] + v_5V[5] + v_5$
	$\{u_2V[2] + V[3] + u_5V[5], v_2V[2] + v_5V[5] + V[6]\},\$
	$\{u_1V[1] + u_2V[2] + u_5V[5] + V[6], v_1V[1] + v_2V[2] + v_5V[5]\},$
	$\{V[3], V[6]\}, \{u_1V[1] + V[2] + u_5V[5] + u_7V[7], V[1] + v_4V[4] + v_7V[7]\}, \{u_1V[2] + u_5V[2] + u_7V[7]\}, \{u_1V[2] + u_7V[7] + u_7V[7]\}, \{u_1V[2] + u_7V[7]\}, \{u_1V[2] + u_7V[7] + u_7V[7]\}, \{u_1V[2] + u_7V[$
	$\{u_1V[1] + V[2] + u_5V[5] + u_7V[7], V[1] + v_7V[7]\}, \{u_1V[1] + V[2] + u_5V[5] + u_7V[7], V[1]\}, \{u_1V[1] + u_7V[7], u_1V[1] + u_7V[7], u_$
	$\{u_1V[1] + V[2] + u_5V[5] + u_7V[7], V[4] + v_7V[7]\}, \{u_1V[1] + V[2] + u_5V[5] + u_7V[7], V[4]\}, \{u_1V[1] + V[6] + u_7V[7], V[4]\}, \{u_1V[1] + V[6] + u_7V[7], V[6] + u_7V[7], V[6]\}\}$
	$\{u_1 V [1] + V [2] + u_4 V [4] + u_5 V [5], V [1] + v_4 V [4] + v_7 V [7]\},\$
	$\{u_1 V [1] + V [2] + u_4 V [4] + u_5 V [5], V [1] + v_7 V [7]\}, \{u_1 V [1] + V [2] + u_4 V [4] + u_5 V [5], V [1]\}, \{u_1 V [1] + V [2] + u_4 V [4] + u_5 V [5], V [1]\}, \{u_1 V [1] + V [2] + u_4 V [4] + u_5 V [5], V [4]\}, \{u_1 V [1] + V [2] + u_4 V [4] + u_5 V [5], V [4]\}, \{u_1 V [1] + V [2] + u_4 V [4] + u_5 V [5], V [4]\}, \{u_1 V [1] + u_5 V [5], V [4] + u_5 V [5], V [4] + u_5 V [5], V [4]\}, \{u_1 V [1] + V [2] + u_4 V [4] + u_5 V [5], V [4]\}, \{u_1 V [1] + V [2] + u_4 V [4] + u_5 V [5], V [4]\}, \{u_1 V [1] + u_5 V [5], V [4] + u_5 V [5], V [4] + u_5 V [5], V [4]\}, \{u_1 V [1] + v_5 V [5], V [4] + u_5 V [5], V [4]\}, \{u_1 V [1] + v_5 V [5], V [4] + u_5 V [5], V [4]\}, \{u_1 V [1] + v_5 V [5], V [4] + u_5 V [5], V [4]\}, \{u_1 V [1] + u_5 V [5], V [4] + u_5 V [5], V [4]\}, \{u_1 V [1] + u_5 V [5], V [4] + u_5 V [5], V [4]\}, \{u_1 V [1] + u_5 V [5], V [4] + u_5 V [5], V [4]\}, \{u_1 V [1] + u_5 V [5], V [4] + u_5 V [5], V [4]\}, \{u_1 V [1] + u_5 V [5], V [4] + u_5 V [5], V [4]\}, \{u_1 V [1] + u_5 V [5], V [4] + u_5 V [5], V [4]\}, \{u_1 V [1] + u_5 V [5], V [4], u_5 V [5], V [4]\}, (u_1 V [1] + u_5 V [5], V [4]), (u_1 V [1] + u_5 V [5], V [4]), (u_1 V [1] + u_5 V [5], V [4]), (u_1 V [1] + u_5 V [5], V [4]), (u_1 V [1] + u_5 V [5], V [4]), (u_1 V [1] + u_5 V [5], V [4]), (u_1 V [1] + u_5 V [5], V [4]), (u_1 V [1] + u_5 V [5], V [4]), (u_1 V [1] + u_5 V [5], U [4]), (u_1 V [1] + u_5 V [5], U [4]), (u_1 V [1] + u_5 V [5], U [4]), (u_1 V [1] + u_5 V [5], U [4]), (u_1 V [1] + u_5 V [5], U [4]), (u_1 V [1] + u_5 V [5], (u_1 V [1] + u_5 V [5]), (u_1 V [1] + u_5 V [1]), (u$
	$\{u_1 V [1] + V [2] + u_4 V [4] + u_5 V [5], V [4] + v_7 V [7]\}, \{u_1 V [1] + V [2] + u_4 V [4] + u_5 V [5], V [4]\}, $
	$ \{u_1 V [1] + V [2] + u_4 V [4] + u_5 V [5], V [1] \}, \{u_1 V [1] + V [2] + u_7 V [1], V [1] + u_4 V [4] + u_7 V [1] \}, \\ \{u_1 V [1] + V [2] + u_4 V [7], V [1] + u_5 V [7] \}, \{u_1 V [1] + V [2] + u_4 V [7], V [1] \} $
	$ \{ u_1 V [1] + V [2] + u_7 V [7], V [1] + v_7 V [7] \}, \{ u_1 V [1] + V [2] + u_7 V [7], V [1] \}, $
	$ \begin{cases} u_1 V [1] + V [2] + u_7 V [1], V [4] + v_7 V [1] f, \{u_1 V [1] + V [2] + u_7 V [1], V [4] f, \\ f_{u_1} V [1] + V [2] + v_4 V [A] V [1] + v_4 V [A] + v_7 V [7] \} \\ \end{cases} $
	$ \{u_1V[1] + V[2] + v_4V[1], V[1] + v_4V[1] + v_7V[1]\}, (u_1V[1] + V[2] + v_4V[1], V[1] + v_7V[1]), (u_1V[1] + V[2] + v_4V[2]) \} $
	$\{u_1V[1] + V[2] + v_4V[4], V[4]\}, \{u_1V[1] + V[2] + v_4V[4], V[1] + 0, V[1]\}, \{u_1V[1] + V[2] + v_4V[4], V[7]\}, \{u_1V[1] + v_1V[4], v_1V[4], v_1V[4], v_1V[4]\}, \{u_1V[1] + v_1V[4], v_1V[4], v_1V[4]\}, \{u_1V[1] + v_1V[4], v_1V[4], v_1V[4], v_1V[4], v_1V[4], v_1V[4], v_1V[4]\}, \{u_1V[1] + v_1V[4], v_1V[4], v_1V[4]\}, \{u_1V[1] + v_1V[4], v_1V[4], v_1V[4]\}, v_1V[4], v_1V[4], v_1V[4]\}, v_1V[4], v_1V[4], v_1V[4], v_1V[4]\}, v_1V[4], v_1V[4], v_1V[4], v_1V[4], v_1V[4]], v_1V[4], v_1V[4], v_1V[4]], v_1V[4], v_1V[4], v_1V[4]], v_1V[4], v_1V[4], v_1V[4], v_1V[4]], v_1V[4], v_1V[4], v_1V[4], v_1V[4], v_1V[4], v_1V[4]], v_1V[4], v_1V[$
	$\{u_1V[1] + V[5] + u_7V[7], V[1] + v_4V[4] + v_7V[7]\}, \{u_1V[1] + V[5] + u_7V[7], V[1] + v_7V[7]\}, \{u_1V[1] + V[5] + u_7V[7], V[1] + v_7V[7]\}, \{u_1V[1] + v_7V[7], v_7V[7]\}, v_7V[7]\}, v_7V[7]\}, v_7V[7], v_7V[7]\}, v_7V[7], v_7V[7], v_7V[7]\}, v_7V[7], v_7V[7], v_7V[7], v_7V[7], v_7V[7]\}, v_7V[7], v_7V[7]$
	$\{u_1V[1] + V[5] + u_7V[7], V[1]\}, \{u_1V[1] + V[5] + u_7V[7], V[4] + v_7V[7]\}, V[4] + v_7V[7]], V[4] + v_7V$
	$\{u_1V[1] + V[5] + u_7V[7], V[4]\}, \{u_1V[1] + V[5] + u_7V[7], V[7]\}, V[7]\}, V[7]\}$
	$\{u_1V[1] + u_4V[4] + V[5], V[1] + v_4V[4] + v_7V[7]\}, \{u_1V[1] + u_4V[4] + V[5], V[1] + v_7V[7]\}, \{u_1V[1] + u_4V[4] + v_7V[7], \{u_1V[1] + u_4V[4] + v_7V[7]\}, \{u_1V[1] + u_7V[7]\}, \{u_1V[$
	$\{u_1V[1] + u_4V[4] + V[5], V[1]\}, \{u_1V[1] + u_4V[4] + V[5], V[4] + v_7V[7]\}, \{u_1V[1] + u_4V[4] + v_7V[7]\}, \{u_1V[1] + u_4V[7]\}, \{u_1V[1] + u_4V$
	$\{u_1V[1] + u_4V[4] + V[5], V[4]\}, \{u_1V[1] + u_4V[4] + V[5], V[7]\}, \{V[3] + u_6V[6], V[1]\}, \{V[3] + u_6V[6], V[1]\}\}$
	$\{V[3], V[1] + v_4 V[4] + v_7 V[7]\}, \{V[3], V[1] + v_7 V[7]\}, \{V[3], V[1]\}, \{V[3], V[4] + v_7 V[7]\}, \{V[3], V[4] + v_7 V$
	$\{V[3], V[4]\}, \{V[3], V[7]\}, \{u_1V[1] + V[6], V[1]\}$
1	$\{u_1V[1] + u_7V[7] + V[2] + u_5V[5]\}, \{u_1V[1] + u_4V[4] + V[2] + u_5V[5]\},\$
	$\{u_1V[1] + u_7V[7] + V[2]\}, \{u_1V[1] + u_4V[4] + V[2]\},\$
	$\{u_1V[1] + u_7V[7] + V[5]\}, \{u_1V[1] + u_4V[4] + V[5]\}, \{V[3]\}\}$

Therefore the subalgebras of L_7 are classified. We can find one 7-dimensional, 9 six-dimensional, 39 five-dimensional, 145 four-dimensional, 168 three-dimensional, 88 two-dimensional, 7 one-dimensional and one zero-dimensional subalgebras.

5 Conclusion

In our examination we have calculated the infinitesimals for each equation of the set of Doebner– Goldin–Madelung models. We found 10-, 8- and 7-dimensional algebras which were investigated. For the 7-dimensional algebra we have determined the optimal systems.

By application of the statements at the beginning of Section 4 we can calculate for every one and two-dimensional optimal-system the related reduction. In the case of the one-dimensional optimal system the result is a system of equations with two new independent variables whether for the 2-dimensional optimal system the reduced system will be an ordinary differential equation system which can be solved. More details can be found in [2]. In this situation we want to emphasize that it is necessary to take isomorphic investigations into account. A closer look at the commutator table shows that the algebras of each dimension look very similar.

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