

$$\begin{array}{c}
 \text{Splitting part} \\
 \overbrace{\hspace{10em}} \\
 U(t_3, t_1) = \underbrace{N(t_3, t_1)}_{\text{No-splitting part}} + \int_{t_1}^{t_3} dt_2 \, U(t_3, t_2) \mathcal{H}(t_2) N(t_2, t_1)
 \end{array}$$