

ERRATA

New Diagnostics and Cures for Coupled-Bunch Instabilities

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1. *Page 16, paragraph 3.* The line should read:

This is a system of coupled linear equations, with solutions of the form $e^{\Lambda t}$, or $e^{j\Omega t}$.
The eigenvalue Λ is related to the coherent oscillation frequency Ω by: $\Lambda = j\Omega$.

2. *Page 18, end of penultimate paragraph.* The line should read:

The coherent frequency shift of mode l is $Re(\Omega_l) - \omega_s = Im(\lambda_l)$.

3. *Page 20, Figure 2.4 axis labels:*

The non-dimensionalising scale factor for the X and Y axes of the figure should be $(4\pi E_o \nu_s)/(\alpha e \omega_r I_o R_s)$, and not $1/(\omega_r I_o R_s)$.

4. *Page 94, Equation 7.17:*

Missing factor of 2 in denominator.

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