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# Corrigendum: An accurate and efficient laser-envelope solver for the modeling of laser-plasma accelerators [Plasma Phys. Control. Fusion 60 (2018) 014002]

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We would like to correct a misprint§ present in equation (7) of our paper [1]. The correct equation reads

$$\begin{aligned}
 \frac{\mathcal{L}_k^-}{2} \hat{a}_{j,k-1}^{n+1} + \left[ C_k^{0,+} - \frac{\chi_{j,k}^n}{2} + \frac{i}{\Delta\tau} D_{j,k}^n \right] \hat{a}_{j,k}^{n+1} + \frac{\mathcal{L}_k^+}{2} \hat{a}_{j,k+1}^{n+1} = & \quad (7) \\
 - \frac{2}{\Delta\tau^2} \hat{a}_{j,k}^n & \\
 - \frac{\mathcal{L}_k^-}{2} \hat{a}_{j,k-1}^{n-1} - \left[ C_k^{0,-} - \frac{\chi_{j,k}^n}{2} - \frac{i}{\Delta\tau} D_{j,k}^n \right] \hat{a}_{j,k}^{n-1} - \frac{\mathcal{L}_k^+}{2} \hat{a}_{j,k+1}^{n-1} & \\
 - \frac{2e^{i(\theta_{j,k}^n - \theta_{j+1,k}^n)}}{\Delta\tau \Delta\zeta} [\hat{a}_{j+1,k}^{n+1} - \hat{a}_{j+1,k}^{n-1}] & \\
 + \frac{e^{i(\theta_{j,k}^n - \theta_{j+2,k}^n)}}{2\Delta\tau \Delta\zeta} [\hat{a}_{j+2,k}^{n+1} - \hat{a}_{j+2,k}^{n-1}]. &
 \end{aligned}$$

[1] Benedetti C *et al* 2018 *Plasma Phys. Control. Fusion* **60** 014002

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