

**Erratum: Magnetization effect in momentum conservation in partially coherent wavefields  
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We have noticed a few errata in Eq. (33) of our paper, which should read

$$\mathcal{N}_{ij} = -k^2 \epsilon_{ilj} u_l, \quad \mathcal{N}_{ij}^* = -k^2 \epsilon_{ilj} u_l \quad (1)$$

instead of

$$\mathcal{N}_{ij} = -k^2 \epsilon_{ilj} u_l, \quad \mathcal{N}_{ij}^* = k^2 \epsilon_{ilj} u_l. \quad (2)$$

Accordingly, Eq. (34) in the paper should be corrected to

$$\begin{aligned} C_{ij} = & -k^4 [(\delta_{il} - u_i u_l) \epsilon_{jnm} u_n - \epsilon_{inl} u_n (\delta_{jm} - u_j u_m)] W_{lm}^{em} \\ & - k^4 [(\delta_{jl} - u_j u_l) \epsilon_{imn} u_n - \epsilon_{jln} u_n (\delta_{im} - u_i u_m)] W_{lm}^{em*} \end{aligned} \quad (3)$$

from

$$\begin{aligned} C_{ij} = & -k^4 [(\delta_{il} - u_i u_l) \epsilon_{jnm} u_n + \epsilon_{inl} u_n (\delta_{jm} - u_j u_m)] W_{lm}^{em} \\ & - k^4 [(\delta_{jl} - u_j u_l) \epsilon_{imn} u_n + \epsilon_{jln} u_n (\delta_{im} - u_i u_m)] W_{lm}^{em*}. \end{aligned} \quad (4)$$

The interference term  $u_i T_{ij}^c$  does not vanish, unlike discussed in the paper.

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