

**Erratum: High-field superconductivity in alloyed MgB₂ thin films
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We have noticed the following misprints in our paper:

1. In Eq. (2), λ_i is defined as $\lambda_i(H=0)=(\lambda_- \Gamma_- - 2\lambda_{\pi\sigma} \Gamma_{\sigma\pi} - 2\lambda_{\sigma\pi} \Gamma_{\pi\sigma})/\Gamma_+$.
2. Page 2, right column, 8th line from the bottom: it should be $2\Omega_{\pm} = \omega_{\pm} + \Gamma_{\pm} \pm \Omega_0$ instead of $\Omega_{\pm} = \omega_{\pm} + \Gamma_{\pm} \pm \Omega_0$.
3. Page 3, left column, first line: it should be $\text{Re } \psi(1/2+x+i\mu_B H/2\pi k_B T)$ instead of $\text{Re } \psi(1/2+x+i\mu_B H_2 \pi k_B T)$.

Our conclusions are not affected since all calculations presented in the paper were performed using the correct formulas.