



Erratum

Erratum to: Scattering and bound states for the Hulthén potential in a cosmic string background

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In the original publication of the article Eqs. (39) and (40)
were incorrect.

Correct form of Eq. (39):

$$\Gamma \left(\kappa_{(\alpha)} - \frac{ik}{\omega} \pm \sqrt{\frac{2(E + M)\xi}{\omega} - \frac{k^2}{\omega^2}} \right). \quad (39)$$

Correct form of Eq. (40):

$$k^2 \equiv E^2 - M^2 = -\frac{[(n + \kappa_{(\alpha)})^2 \omega - 2(E + M)\xi]^2}{4(n + \kappa_{(\alpha)})^2}, \quad (40)$$

with $n = 0, 1, 2, \dots$

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