

ERRATUM

Hawking Radiation of Dirac Particles in a Variable-Mass Kerr Space-Time [Gen. Rel. Grav. 33 (2001) 1181–1195]

S. Q. Wu¹ and X. Cai¹

Received April 10, 2002

In the appendix, the second one and the fourth one of Eq. (A2) should be

$$\begin{aligned} dn &= \left(\frac{r\Delta}{\Sigma^2} - \frac{r-M}{\Sigma} \right) \mathbf{n} \wedge \mathbf{l} - \frac{i\dot{M}ra \sin\theta}{\sqrt{2}\Sigma} \left(\frac{\mathbf{m}}{\rho} - \frac{\bar{\mathbf{m}}}{\rho^*} \right) \wedge \mathbf{l} \\ &\quad - \frac{ia \cos\theta \Delta}{\Sigma^2} \mathbf{m} \wedge \bar{\mathbf{m}}, \\ d\bar{\mathbf{m}} &= - \frac{\sqrt{2}ira \sin\theta}{\Sigma\rho} \mathbf{n} \wedge \mathbf{l} - \frac{1}{\rho^*} \left(\mathbf{n} - \frac{\Delta}{2\Sigma} \mathbf{l} \right) \wedge \bar{\mathbf{m}} - \frac{1}{\sqrt{2}\rho} \\ &\quad \times \left(\cot\theta - \frac{ia \sin\theta}{\rho} \right) \mathbf{m} \wedge \bar{\mathbf{m}}. \end{aligned}$$

We apologize for this typesetting error.

¹Institute of Particle Physics, Hua-Zhong Normal University, Wuhan 430079, People's Republic of China; e-mail: sqwu@iopp.ccnu.edu.cn; xcai@ccnu.edu.cn