

ERRATUM

“Charged particle trajectories in a magnetic field on a curved space-time” by
A R Prasanna and R K Varma, *Pramāṇa*, Vol. 8, No. 3, 1977, pp. 229–244

P. 231:

In eq. (2.6) the Maxwell's equation should read

$$F_{;j}^{ij} = 0 \text{ and not } F_{ij}^{ij} = 0.$$

P. 232:

1. In eq. (2.8), g should read as

$$g = \frac{3r^2}{4m^2} \left[\left(1 - \frac{2m}{r}\right)^{-1} + \frac{r}{m} \ln \left(1 - \frac{2m}{r}\right) + 1 \right] \left(1 - \frac{2m}{r}\right)^{1/2}$$

2. $F_{\phi r}$ in eq. (2.9) should read as

$$F_{\phi r} = \frac{3\mu \sin^2 \theta}{4m^2} \left[\left(1 - \frac{2m}{r}\right)^{-1} + \frac{r}{m} \ln \left(1 - \frac{2m}{r}\right) + 1 \right]$$