

Errata to J. Math. Phys. **15**, 1409 (1974)

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1. Eq. (5) should appear as follows:

$$\xi_0 = \frac{x^4 \cos^2 \lambda + y^4 \sin^2 \lambda - 2ixy(x^2 - y^2) \cos \lambda \sin \lambda - 1}{2x(x^2 - 1) \cos \lambda - 2iy(1 - y^2) \sin \lambda} \quad (5)$$

2. Eq. (13b) should appear as follows:

$$\begin{aligned} du - 2wv = & -2[c_1 B_- + (c_0 - R/24)B_0 + c_{-1}B_+ \\ & + \frac{1}{2}S_{kt^*}B_-^* + \frac{1}{2}S_{tt^*}B_0^* - \frac{1}{2}S_{mt}B^*], \end{aligned} \quad (13b)$$

3. Eq. (42) should appear as follows:

$$f = (\xi_0 \xi_0^* - 1)/|\xi_0 + (1 - q^2)^{-1/2}|^2 \quad (42)$$

4. In Ref. 9 on page 1412, replace ‘convariance’ by ‘covariance’.
5. For an axially symmetric stationary space-time described by Eq. (14), four Petrov types are possible. In addition to the three listed in the paper, Petrov type II is also allowed.