

Erratum

Exact Gravitational Field of the Infinitely Long Rotating Hollow Cylinder

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In Eq. (3.12 b) S is defined by $S = (1 + 2\sigma_z R_0 - 3\sigma_{(z)}^2 R_0^2)$. In Eq. (4.3) the sign of ω and v_{rel} should be changed. Hence line 15 on page 319 should read: "From (4.3) follows that sign $\omega = -\text{sign } b \dots$ " and the first sentence on page 319: "... the reference system inside, given by v^μ , rotates with respect to the reference frame w^μ outside in the same direction as the cylinder."