

Geometrical approach to mutually unbiased bases

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Corrigendum

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A B Klimov, J L Romero, G Björk and L L Sánchez-Soto 2007 *J. Phys. A: Math. Theor.* **40** 3987–3998

Equation (4.9) should read

$$\alpha^2 = \mu\alpha, \quad \beta^2 = \mu^2\beta.$$

The parametrization of basis 2 in table 4 should read

$$\alpha = \sigma^2(\kappa + \kappa^2), \quad \beta = \sigma^2\kappa + \kappa^2.$$

The parametrization of basis 2 in table 5 should read

$$\alpha = \sigma(\kappa + \kappa^2), \quad \beta = \kappa + \sigma\kappa^2.$$

The headings of tables 4, 5, and 6 should all read ‘Bundle consisting of two exceptional curves, one α -curve, one β -curve, and a ray.’

Finally, the first sentence under equation (5.1) should read ‘It is clear that under local transformations (rotations by $\pi/2$ radians around the z -, x -, or y -axes) applied to the j th particle ($j = 1, 2$), the indices of the displacement operator are transformed as follows:’