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**Philippe Rukimbira\***, DM 416, Florida International University, Department of Mathematics, Miami, FL 33199, and **Dathe Hamidou**, Universite Cheik Anta Diop, Dakar, Senegal. Deformation of closed, nonsingular 1-forms into contact forms on  $T^2$ -bundles over  $S^1$ .

If a closed 3-manifold M supports a closed, nonsingular, irrational 1-form which defoms linearly into contact forms, then M supports a K-contact form. On the 3-torus, a closed, nonsingular 1-form deforms linearly into contact forms if and only if it is a fibration 1-form. On any other 2-torus bundle over the circle, every closed, nonsingular 1-form deforms linearly into contact forms. (Received July 31, 2009)