1107-35-344   **Marcello Lucia***, mathematics department, College of Staten Island at CUNY, 2800 Victory Blvd, New York, NY 10314. *One-dimensional symmetry for some nonlinear problems on the torus.*

On the torus we consider the nonlinear problem

$$-\Delta u = \lambda(e^u - 1)$$

We prove that below a critical value of the parameter, the solutions depend only on one variable. (Received January 19, 2015)