1057-47-319   **Luka Grubišić**, **Vadim Kostrykin** and **Konstantin A. Makarov*** (`makarovk@missouri.edu`), Department of Mathematics, University of Missouri, Columbia, MO 65211, and **Krešimir Veselić**. *The Tan* 2Θ*-Theorem for Indefinite Quadratic Forms.* Preliminary report.

A version of the Davis-Kahan Tan 2θ-Theorem for not necessarily semi-bounded operators defined via quadratic forms is proven. This theorem generalizes a recent result by Motovilov and Selin [Itegr. Equat. Oper. Theory **56** (2006), 511-542]. (Received January 25, 2010)