

## EINLADUNG ZUM MATHEMATISCHEN KOLLOQUIUM

Es spricht

**Herr Yury M. Arlinskii**  
(East Ukrainian National University)

zum Thema:

**„Transformations of Nevanlinna operator-functions  
and their fixed points“**

**Abstract:**

In this talk we will consider some classes of, in general, operator-valued Nevanlinna functions and give their characterization and realizations as compressed resolvents of selfadjoint operators. We'll consider two transformations of Nevanlinna functions and characterize their fixed points. In the scalar case we show connections of one of this transformation with Hamiltonian systems.

**Mittwoch, 9. August 2017, 17:00 Uhr, Raum C 113 im Curiebau  
(Kaffee 16:30 Uhr im Raum C 325)**

Alle Interessenten sind herzlich eingeladen.

Ilmenau, 31.07.2017

Die Hochschullehrer des Institutes