

MATEMATISKA INSTITUTIONEN
STOCKHOLMS UNIVERSITET
Avd. Matematik

SJÄLVSTÄNDIGT ARBETE I MATEMATIK

Måndagen den 16 juni kl. 09.00–10.00 presenterar Emil Håkansson sitt arbete “On Quantum Mechanical Scattering Theory And Its Connection To Unitary Matrices” (15 högskolepoäng, grundnivå).

Handledare: Pavel Kurasov

Plats: Sal 32, hus 5, Kräftriket

Sammanfattning: The principle of probability conservation in quantum mechanics is studied by an analysis of scattering amplitudes limited to one and three dimensional cases. In particular we show that scattering matrices are represented by unitary matrices.

Alla intresserade är välkomna!