

SEMINÁŘ OTF ÚJF, ŘEŽ

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**Scattering through a waveguide  
with combined boundary conditions**

**Abstrakt**

Scattering through a straight planar quantum waveguide with combined Dirichlet and Neumann boundary conditions is studied by stationary method. The existence of stationary scattering wave function is proved. The use of stationary scattering theory is justified by construction of the time-dependent wave packets.

**Seminář se koná v pátek 21. 11. 2014 v 10:30 hod.  
v seminární místnosti OTF ÚJF Řež**

A. Ciepły/otf