



## Аналитический семинар лаборатории Чебышева

Четверг, 6 сентября 2018, 15:30, ауд. 413, 14-я линия В. О., 29

**Evgeny L. Korotyaev**

*Eigenvalues of Schrödinger operators on finite and infinite intervals*

We consider a Sturm–Liouville operator with an integrable potential  $q$  on the unit interval  $I = [0, 1]$ . We consider a Schrodinger operator with a real compactly supported potential on the half line and on the line, where this potential coincides with  $q$  on the unit interval and vanishes outside  $I$ . We determine the relationships between eigenvalues of such operators and obtain estimates of eigenvalues in terms of potentials.

Приглашаются все желающие!