Миникурс лаборатории Чебышева

Michal Wojciechowski (IMPAN, Warsaw)

On the approximation property of Banach spaces

In the series of lectures we present the basics of the approximation property of Banach speces introduced by A. Grothendieck during his study of tensor products. This is an extremally important property connecting finite and infinite dimensional features of Banach spaces. We begin from introduction of the notion of bases and unconditional bases. Then we present the definition and fundamental properties of the approximation property and several equivalent conditions given by Grothendieck. We finish by presentation of the construction of a separable Banach space without approximation property - the famous theorem proved by Enflo in 1970.

Лекции состоятся в пятницу 18 мая, в 17-30; во вторник 22 мая в 15-00; в среду 23 мая в 17-00 в 413 аудитории.

Приглашаются все желающие!