Rademacher boundness versus gaussian-boundness

Stanisław Kwapień

Warsaw University, Poland
`kwapstan@mimuw.edu.pl`

The talk is based on the joint work with Mark Veraar (Delft Univeristy) and Lutz Weis (Karlsruhe Univerisity)

Session: 4. Banach Spaces and Operator Theory with Applications

We prove that given Banach spaces X the concepts of Rademacher boundness and gaussian-boundness for families of operators from X coincide if and only if X has a finite cotype. Simialar properties are proved for related concepts in the case of Banach lattices X.