

New Results of Old Friends: Semifree Involutions of the Hilbert space

Henryk Toruńczyk
Institute of Mathematics, PAS (Warszawa)

Richard Anderson asked in 1966 if any two involutions of the Hilbert cube with a unique fixed point are topologically conjugate. This problem still remains open, but very recently Jan van Mill and James West received unexpected results explaining to a large extent what happens when the Hilbert cube is replaced by the Hilbert space. I plan to present some of their results.

References: **Jan van Mill and James West**, Involutions of ℓ_2 and s with unique fixed points, preprint.