

Im

Oberseminar Analysis

hält

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einen Vortrag zum Thema

Generalized inverses of disjointness preserving linear operators on pre-Riesz spaces

Abstract:

In the theory of operators on Banach lattices, a classical result states that the inverse of a bijective disjointness preserving operator is disjointness preserving. In the same spirit, inverses of Riesz* homomorphisms on pervasive pre-Riesz spaces have been investigated, and it has been shown that their inverses are Riesz* homomorphisms. The concept of disjointness and disjointness preserving linear operators have been introduced in pre-Riesz spaces, as well. In this talk, we survey the respective results on inverses of bijective operators and extend some of them to generalized inverses. Hereby, we focus on the Drazin inverse and, as a special case, on the group inverse.

Datum: **Mittwoch, 4. Dezember 2024 (!)**

Zeit: **13:00 Uhr (!)**

Raum: **WIL C 104 (!)**

Kontakt: PD Dr. Anke Kalauch

Alle Interessent:innen sind herzlich eingeladen