

Im

Oberseminar Analysis

hält

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einen Vortrag zum Thema

Multimorphisms on order unit spaces

Abstract:

Generalizing results from the setting of vector lattices, first properties of multilinear maps on order unit spaces, such as multi-orthomorphisms, multi-Riesz* homomorphisms, and orthosymmetric maps, are presented. Identifying order unit spaces with order dense subspaces of spaces of continuous functions, we give weighted composition or integral representations for these maps. Moreover, relations between the different kinds of multilinear maps and first applications in the theory of ordered algebras are given.

Datum: **Donnerstag, 7. Dezember 2023**

Zeit: **15:15 Uhr**

Raum: **WIL C 129**

Kontakt: Prof. Dr. Ralph Chill

Alle Interessent:innen sind herzlich eingeladen.