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Abstracts of Short Communications and Posters

Section:

2. Algebra

1991 MS Classification: 20Mxx, 81Rxx
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Continuous bands from supermatrices

We investigate continuous supermatrix representations of semigroup bands. We study the Green's relations on continuous zero semigroups and wreath rectangular bands. We found the "fine" equivalence relations which generalize Green's relations on subsemigroups in some extent and lead to the "multidimensional" analog of eggbox diagrams.

Reference: *S. Duplij*, Supermatrix representations of semigroup bands, *Pure Math. Appl.* , **7** (1996) 235–261 (**funct-an/9609002**).