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Commutants of the multidimensional Jennings group. (English) Zbl 07439028

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Summary: The $d$-dimensional analogue $J^{(d)}(k)$ of the Jennings group ($d = 1$) of substitutions of mappings of formal power series with coefficients in an arbitrary field $k$ is defined and studied. More precisely, we find the commutants in the group $J^{(d)}(k)$ for $d \geq 2$. The case $d = 1$ was done before.

MSC:
20E18 Limits, profinite groups
54H11 Topological groups (topological aspects)
22A99 Topological and differentiable algebraic systems

Keywords:
group of substitutions of formal power mappings; commutant; topological group

Full Text: DOI

References:

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