Zbl pre05651200

Stachó, L.L.
On strongly continuous one-parameter groups of automorphisms of multilinear functionals. (English)
http://dx.doi.org/10.1016/j.jmaa.2009.08.053

The aim of the paper is to study the structure of the strongly continuous one-parameter automorphism groups of the space \( B = BL(H^{(1)}, \ldots, H^{(N)}) \) of all bounded \( N \)-linear functionals \( H^{(1)}, \ldots \times H^{(N)} \rightarrow \mathbb{C} \) where \( H^{(1)}, \ldots, H^{(N)} \) are complex Hilbert spaces. As a consequence, a classification of Cartan factors of type one is obtained.

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Keywords: strongly continuous one-parameter group; \( N \)-linear functional; automorphism; Hilbert space

Classification:

- 46C99 Inner product spaces, Hilbert spaces
- 46L36
- 46L40 Automorphisms of \( C^* \)-algebras