

Linear Mappings of Quaternion Algebra

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In the paper I considered linear and antilinear automorphisms of quaternion algebra. I proved the theorem that there is unique expansion of \mathbb{R} -linear mapping of quaternion algebra relative to the given set of linear and antilinear automorphisms.

Comments: English text - 25 pages; Russian text - 25 pages. The goal of this paper is to establish bridge between different views on linear mappings of quaternion algebra

Subjects: **Rings and Algebras (math.RA)**

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