

JORDAN STRUCTURES IN BANACH SPACES

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Abstract. We explain how Jordan algebraic structures in Banach spaces arise from the geometry of symmetric manifolds and discuss some applications.

Mathematics subject classification (2010): 17C65, 32M15, 57C35, 58B20, 46L05, 46L70.

Keywords and phrases: Symmetric domain; Jordan triple systems; Möbius transformation; Bergmann operator; Denjoy-Wolff Theorem.

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