

BILOCAL AUTOMORPHISMS

LAJOS MOLNÁR, PETER ŠEMRL AND AHMED RAMZI SOUOUR

Abstract. We prove that every bilocal automorphism of a matrix algebra is either an inner automorphism, or an inner anti-automorphism, or it is of a very special degenerate form. Bijective continuous bilocal automorphisms of a unital standard operator algebra on an infinite-dimensional separable complex Banach space are automorphisms.

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