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Alexander A Katz* (katza@stjohns.edu), St. John's University, SJC, Department of Math & CS, 8000 Utopia Parkway, SJH-334-G, Queens, NY 11439. *On bounded homomorphisms of real C^* -algebras into essentially real Banach algebras.*

We extend a result of Tomita (1960) from the case of complex C^* -algebras to real C^* -algebras by establishing that the image of a bounded homomorphism from a real C^* -algebra to essentially real Banach algebra is topologically isomorphic to a real C^* -algebra. (Received September 17, 2016)