On the Relative Weak Asymptotic Homomorphism Property for Triples of Groups von Neumann Algebras

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We provide a direct and elementary proof of the equivalence between the weak asymptotic homomorphism property for the pair of group von Neumann algebras L(H) subset L(G) and the embedding into H of the one sided quasi-normalizer of the pair H < G, as it is stated by J. Fang, M. Gao and R. R. Smith in a recent article, and we extend the result to triples of groups H < K < G.

Comments:One more condition added; it is expressed in terms of compact
vectorsSubjects:**Operator Algebras (math.OA)**Report number:46L10, 22D25Cite as:arXiv:1011.1032v3 [math.OA]

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