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Title: Strong Singularity Constants for Subfactors of II_1 Factors
Abstract: We investigate the property of α- strong singularity (defined by Sinclair and Smith) for proper subfactors of II_1 factors. We produce an absolute constant c for which all proper singular subfactors of any II_1 factor are c- strongly singular and observe that, unlike the case for masas, singularity is not equivalent to the weak asymptotic homomorphism property. We give a family of finite-index examples for which the constant may be improved.