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Limiting absorption principles for the Navier equation in elasticity

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Abstract. We prove some a priori estimates for the resolvent of Navier equation in elasticity, when one approaches the spectrum (Limiting Absorption Principles). They are extensions of analogous estimates for the resolvent of the euclidean Laplacian in \mathbb{R}^n . As a consequence, we get some results for the evolution equation and for the spectral measure.

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