

BENDING OF AN ORTHOTROPIC CUSPED PLATE

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Abstract

The bending of an orthotropic cusped plate in energetic and weighted Sobolev spaces has been considered. The existence and uniqueness of generalized and weak solutions of admissible boundary value problems (BVPs) have been investigated.

Key words and phrases: Elliptic equation with order degeneration, energetic space, weighted Sobolev space, bending of an orthotropic cusped plate.

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