

Model for Flexible Plates Supported on Piles

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Abstract text:

The problem of plates supported on an elastic medium, characterized by several stiffness coefficients corresponding to both linear displacements and rotations, is analysed. This model can be adopted for flexible plates supported on piles. Some particular cases, based on the results presented in [1], [2], are discussed and developed. A case study is performed and the main conclusions from design point of view are drawn.

Key Words:

Elastic Support, Stiffness Coefficients, Piles.

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