

In this paper, a retrofit strategy for the existing latticed transmission tower structures is proposed, and its applicability is examined and validated. Such a strategy is different from ...

In the context of electrical insulation, seamless steel casing pipes serve as protective conduits for electrical wires and cables, ensuring the integrity and safety of electrical ...

This paper investigates the lateral working properties of large-scale steel casing-reinforced concrete pile composite members designed for overhead vertical wharves that are subjected ...

The main driver for multilateral wells is their improved exposure of the productive formation per well (Fig. 7.1). A single multilateral well can have significantly more payzone formation ...

CHAPTER 2 Problem 2.1 A heavy table is supported by flat steel legs (Fig. P2.1). Its natural period in lateral vibration is 0.5 sec. When a 50-lb plate is clamped to its surface, the natural ...

Micropiles often include a steel pipe casing at grade level to improve the ability of the pile to resist horizontal loads. The casing generally extends from the top of the pile to 5" or 10" below the ...

Four full-scale instrumented test shafts with various composite cross-sections were constructed to investigate load transfer under axial and lateral loads and the effect of high strength steel ...

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