

Comparison of Analytical Method and Software for Analysis of Flat Slab Subjected to Various Parametric Loadings

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Abstract : Slabs supported directly on columns without beams are known as Flat slabs. Flat slabs are highly versatile elements widely used in construction, providing minimum depth, fast construction and allowing flexible column grids. The main objective of this thesis is comparison of analytical method and soft ware for analysis of flat slab subjected to various parametric loadings. Study presents analysis of flat slab is performed under different types of gravity.

Keywords : fat slab, parametric load, analysis, software

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