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ANALYSIS OF A HIGH RISE BUILDING FRAME CONSIDERING LATERAL LOAD RESISTING MEMBERS: A REVIEW

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Abstract

The advancement of high strength structural materials just as the presentation of dominating improvement strategies gave a lift in the advancement of tall constructions. As the tallness of the construction builds, they become logically helpless against wind load and seismic burden. The resistance of tall constructions to horizontal burdens is the essential determinant in the detailing of new fundamental structural systems that create by the consistent undertakings of structural architects to continue expanding the structure tallness while keeping the redirection inside commendable purposes of restriction and restricting the proportion of materials. In this proposed work a logical investigation will be consider on such frameworks like outrigger framework with center shear divider and hex lattice frameworks, to decide their structural proficiency in moving the horizontal loads securely to the ground. In this investigation we are giving audit of researches identified with examination of tall building structures.

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Structural Analysis, Forces, Deflection, Lateral Forces, Etabs

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