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**4. DESIGN OF REINFORCED MASONRY BEAMS**

Source: Design of Reinforced Masonry Structures, Second Edition

Analysis of a Fixed-Fixed Beam

Complicated polynomial equations describe the behavior of a beam with zero displacement and slope at each end. These equations are used to automatically calculate maximum deflection and slope.

**7. Shear in Beams, Columns, and Walls**

Structural framing is usually designed so that inelastic response, if it occurs during an earthquake, is predominantly in flexure, without

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