

## Beam, Column Joints Concrete in Seismic Zone

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**Abstract :** This east project consists in studying beam-column joints concrete subjected to seismic loads. A bibliographical study was introduced to clarify the work undertaken by the researchers in the field during the three last decades and especially the two last year's results which were to study for the determination of the method of calculating of transverse reinforcement in the various nodes of a structure. For application, the efforts in the posts el the beams of a building in R+4 in zone 3 were calculate according to the finite element method through the software <SAP 2000>.

**Keywords :** beam-column joints, cyclic loading, shearing force, damaged joint

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