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ABSTRACT

**THE COMPARISON BETWEEN IRANIAN AND TURKISH CODE OF PRACTICE
FOR SEISMIC RESISTANT DESIGN OF BUILDINGS**

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In this study, it has been carried out the comparison of the Turkish earthquake regulations with the Iran earthquake regulations. The first target study which has been performed taking into account the developments in the earthquake regulations in the last years is to contribute to the communication facility between the countries about the earthquake in this study. Earthquake damage investigation has been one of most effective ways to learn precious lessons from the past earthquakes and to advance the seismic design practice. After having been stressed out the important of the construction of earthquake resistant the Turkish earthquake regulation has been compared with the earthquake regulations of the Iran. There is no anything about chapter 7 of the Turkish Seismic Code entitled “Assessment and Strengthening of Existing Buildings “in Iranian Seismic Code. So it was not able to comparison this new chapter in this study.

Furthermore, Iranian Reinforced Concrete Code and Turkish Seismic Code were compared in this study. Causes some important chapter of Turkish Seismic Code are not exist in Iranian Seismic Code. The studies performed in this séance, have revealed that the Turkish earthquake regulation is sufficient in consideration with the Iran earthquake regulations. However, it is also clear that it is essential not to content with but to follow the new technical developments.

Keywords: Iranian Seismic Code, Turkish Seismic Code, Iranian Reinforced Concrete Code

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