

Interactive comment on “Earthquake safety analysis of masonry historical building case study: Historical Konya Gazi High School” by M. Sami Donduren and Seyit Uguz

Anonymous Referee #1

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In this manuscript, the main objective is to assess the seismic behaviour of an historical existent masonry building. Nevertheless, according to this review, the scientific and technical content of the paper is not appropriate to be publish in an International Journal; thus, it is not adequate for the NHESS Journal. The paper deals with a subject interesting and worth to be studied. However, there are several weaknesses that could not be accepted.

In the following will be listed the main comments/corrections to be addressed: the English need a careful and deep revision. A huge number of grammar errors exist and some sentences should be completely re-written. It is suggested that the paper

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needs revision by native speakers → There are several parts that are not expected to be added in this type of work (just one example among many: page two, lines 35-36..). The CSI Company was founded in 1975 and is the manufacturer of programs, which are used in more than 160 countries worldwide. This program is also used in project designs of buildings such as Taipei Finance Centre in....). → There several parts missing and are crucial for the adequate seismic assessment of an old masonry buildings. For instance: despite the modal analysis performed for the dynamic characterization of the building, what type of analysed was used? Only a linear equivalent seismic load (i.e. a linear static analysis)? Is it adequate for adequate for the seismic assessment of an old masonry building? → The results and the discussion of the results are unappropriated.

There are minor comments that could also be added: → The references need revision (for the programs a revision should be added, etc.) → The quality of some figures needs improvement (e.g. Figure 6) → In English the decimal numbers are identified with dots and not with commas..

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