

GEOMETRY AND LEANING OF ALHADBA MINARET

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ABSTRACT

There is great effort of planning to rebuild the recently destructed Alhadba minaret in Mosul. A major requirement is to study the original shape and materials. During the past years, there was a considerable amount of leaning in the minaret due to various natural and human causes. The amount of leaning was generally increasing, but there was no unified or fixed control that is referenced from various monitoring groups. This paper describes the effort that was performed to design and implement a monitoring system that can be referred. Fixed control points and targets have been worked. Samples of monitoring results are presented. Data can be used for reconstruction.

KEYWORDS: Mosul Alhadba Minaret, Leaning Monitoring & Heritage Preservation

Received: Nov 22, 2017; **Accepted:** Dec 12, 2017; **Published:** Jan 06, 2018; **Paper Id.:** IJCSEIERDFEB20181

Original Article