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**Multidisciplinary Assessment of the Conditions of Instability in a Historic Building:
the Case of the Patriarchate of Pec-Peje in Kosovo****Valutazione multidisciplinare delle condizioni di dissesto in un edificio storico:
il caso del Patriarcato di Pec-Peje in Kosovo**

The complex of Patriarchate is an excellent fusion of different buildings and structures built during three centuries. A particular effort has been made to understand the historical transformations of the churches and nature and position of structural interventions in 1930. The Patriarchate's current structural situation is quite complex to define: thanks to a recent plaster on the external walls it appears in good conditions, but inside the building cracks and deformations on walls are particularly marked and worrying. We can observe that most of cracks are filled with different kinds of mortar and we understood the necessity to analyse things under an historical point of view. Monitoring the complex have been posing sensors on the most important cracks that could be analysed without damaging inner frescoes. The results of monitoring gave a useful contribution, together with factors like an historical and technical knowledge of the building. Correct interpretation coldn't be done without knowing the exact transformation of building and without checking structure with calculations. Final results have been quite interesting, proving the quite sufficient balance in static condition and the major risk with a dynamic impulse from an earthquake.

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Pubblicazioni più significative relative alla ricerca

Nome rivista o titolo libro o atti conferenza: BOLLETTINO DELL'ICR

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il caso del Patriarcato di Pež in Kosovo

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