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## CONCLUSIONS

- Reliability of results of numerical calculations depends of the accuracy of geological recognition and the correctness of determination of parameters of materials.
- Designing and implementation of building objects in difficult conditions (complicated composition of background, neighbourhood of existing buildings, deep excavations etc.) cannot be based on typical estimation of parameters and standard methods of static calculations.
- Performed surveying observations allow for verification of the correctness of the FEM model with respect to the reality.
- Application of relative analysis of displacements between chosen points of measurement network and similar nodes on the MES model allows for assessment of the correctness of the conducted numerical simulation, regardless of possible displacements of the reference benchmarks.

