

Study on the Safety of the Foundation Rock Masses in the Tangkou Bank of the Taipinghu Bridge

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摘要 The Taipinghu Bridge is an important project, and the safety of rock masses of its foundation is very crucial. This article analyzes the potential causes of the deformation of the rock masses of the bridge foundation, and uses the Fast Lagrangian Analysis of Continua to analyze the geologic model. The simulating process shows that no mater in the excavating process or in the loading process the rock masses are suit for the engineering. The modeling and analyzing process can be used for reference.

关键词 [FLAC 3D](#); [Numerical simulation](#); [Engineering](#); [Bridge foundation](#)

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