

عنوان مقاله:

TBM Advance Rate Prediction: An Artificial Neural Network Approach

محل انتشار:

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خلاصه مقاله:

In tunneling, selection of a Tunnel Boring Machine (TBM) is based on the interaction between the rock characteristics and the features of the machine, which is being selected. TBM Advance Rate (TAR) against a particular rock as an economic factor plays a very important role on the selection of a TBM machine. Many factors relevant to the properties of rock, technical specification of TBM and working condition affect on the TBM advance rate. Many work carried out to predict TAR. In this paper an Artificial Neural network (ANN) modeling was adopted. The network used .was a RBF, which showed promising results

کلمات کلیدی:

TBM, Advance Rate, ANN, RBF

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