岩土中弹塑性渗透固结问题的参变量变分原理

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摘要　　本文给出渗透固结过程的参变量变分原理,可以用来处理岩土弹塑性渗透固结问题,并不受 Drucker 假设的限制,对于关连或非关连塑性流动情形皆可。

关键词　　渗透　渗透固结　参变量变分原理

分类号

THE PARAMETRIC VARIATIONAL PRINCIPLE FOR ELASTOPLASTICITY CONSOLIDATION IN SOIL

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Abstract

based on the effective stress approach by Terzaghi, the paper presents the parametric variational principle for seepage and consolidation with elastoplasticity in sotl-The proposed principle is nciple is free from the restraint of Drucker's postulate of plasticity, consequently suitable for solving the nonassociated plastic flow problems in seepage and consolidation of soil.based on the effective stress approach by Terzaghi, the paper presents the parametric variational principle for seepage and consolidati...

Key words　seepage　consolidation　parametric variational principl principle

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