



## Rock Mechanics in Underground Construction

This proceeding contains over 300 contributions in rock mechanics and engineering presented in the 4th Asian Rock Mechanics Symposium in Singapore in November 2006 with presenters from all over Asia and many other parts of the world. There are 7 keynote papers summarizing the state of the art of various rock engineering topics including underground rock caverns. The technical papers cover a wide range of rock mechanics and engineering topics including rock tunnels, caverns, mining, rock slopes and dams, rock blasting, rock burst and failure, rock properties, rock mass, rock joints, and block theory. A large number of valuable rock engineering case studies are also reported.

This volume should serve as a useful reference for the engineers and researchers in rock mechanics and rock engineering.

**World Scientific**  
www.worldscientific.com  
6335 hc



Leung  
Zhou

Rock Mechanics in Underground Construction



**ISRM International Symposium 2006**  
4<sup>th</sup> Asian Rock Mechanics Symposium

# Rock Mechanics in Underground Construction

**C. F. Leung • Y. X. Zhou**

Editors