

ABSTRACT

The work demonstrates the use of stereographic methods for examples of rock mechanics. It explains stereographic principles, use of Wulf's nets, presents solutions of geometric problems using construction and Wulf's nets and it explains the use of stereographic methods for solving stability of rock slopes. The work can serve as a textbook for students of engineering geology on subject of Rock mechanics. Practical part includes measurements of discontinuities on the highway D1 near Lensedly and investigates the occurrence of unstable wedge blocks.