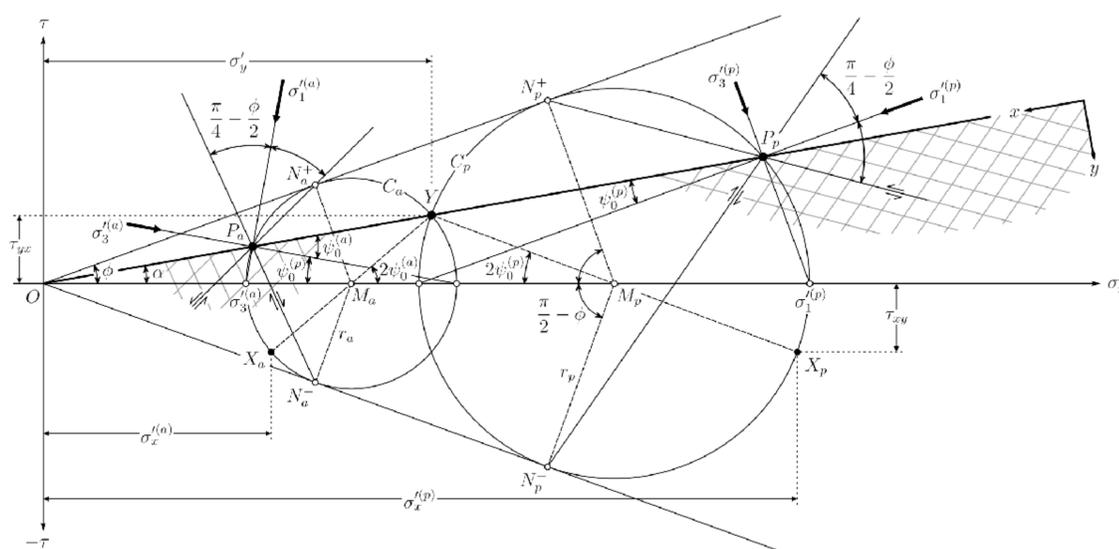


vás zve na přednášku  
(v anglickém jazyce)

## MARTIN SCHÖPFER

University of Vienna, Rakousko

### EXACT SOLUTIONS OF SLOPE STABILITY AND CRITICAL TAPER PROBLEMS FROM MOHR CIRCLES



This talk deals with questions of the stability and structural characteristics of submarine sedimentary slopes and accreting wedges with a theoretical treatment based on the assumption of a Rankine limit equilibrium state of (effective) stress in a rigid-plastic Coulomb material. For plane states of stress in uniformly sloping layers this allows one to extract stability criteria in terms of generalized earth pressure coefficients, as well as exact critical taper solutions directly from a Mohr diagram.