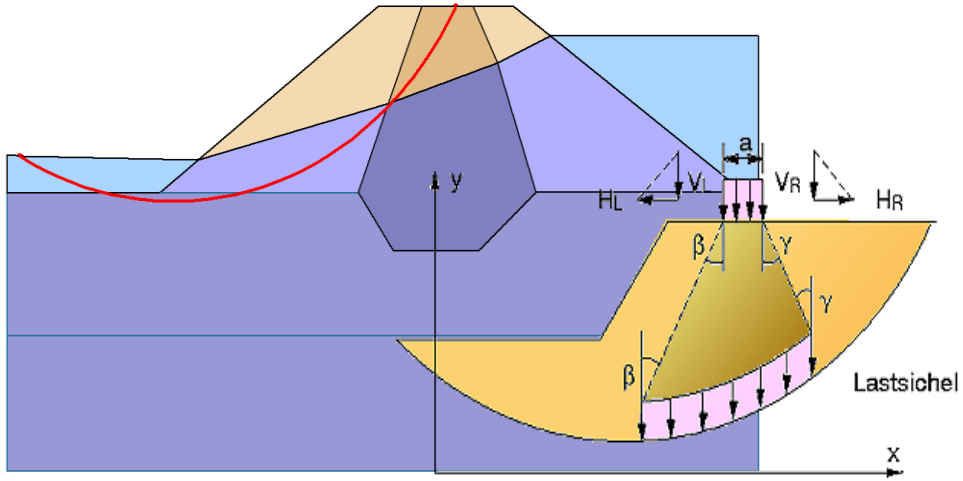
RTslope – Stability of Slopes and Embankments

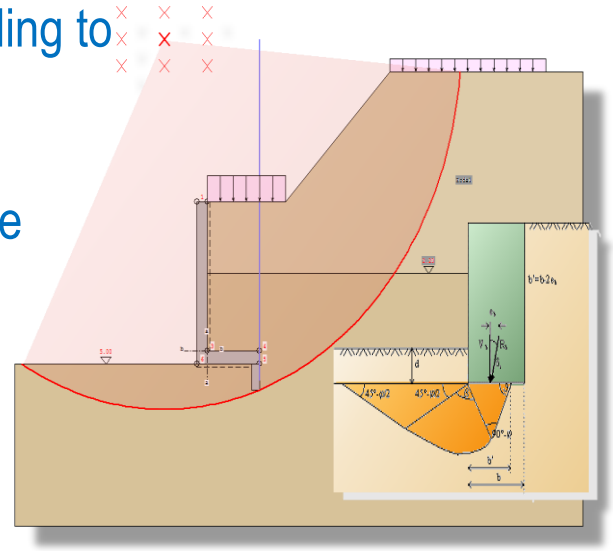
- Automatic slope stability analysis
- Arbitrarily polygonal limited layers
- Polygonal water horizons for the simulation of flow and po overpressure
- Consideration of earthquake influence
- Verifications according to DIN 4084, DIN 1054 and DIN EN 1997 as well as EAU and EAB



More Information under RIB Software > Ground Engineering > RTslope

LIMES - Analysis and Design of Angular Supporting Walls

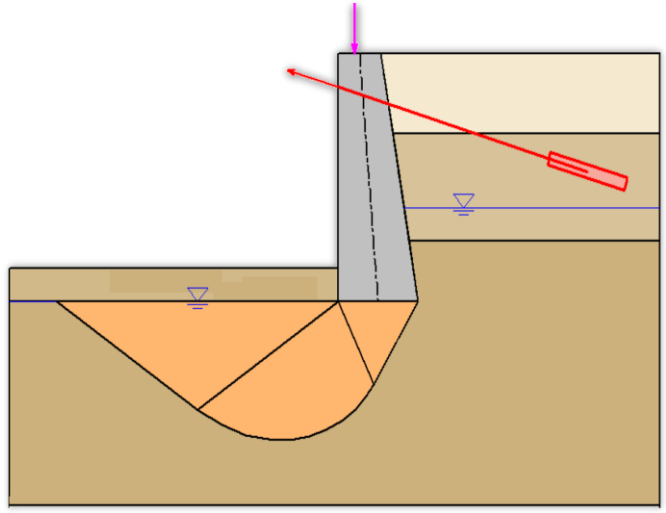
- Geotechnical design according to DIN 1054 and EN 1997-1 with national annexes for DE & AT
- Wall design according to DIN 1045, DIN 1045-1, DIN FB 102, EN 1992-1 and according to national annexes for DE, UK, AT & CZ/SK
- Classical earth pressure method or evaluation according to DIN and EN or alternative evaluation according to Culmann
- Design for bearing capacity, settlement and base failure analysis
- Consideration of a wall keel in friction circle and ground failure analysis
- Reinforced concrete design in the limit state of serviceability incl. water resistant concrete
- Graphic interactive design functions with CAD interface

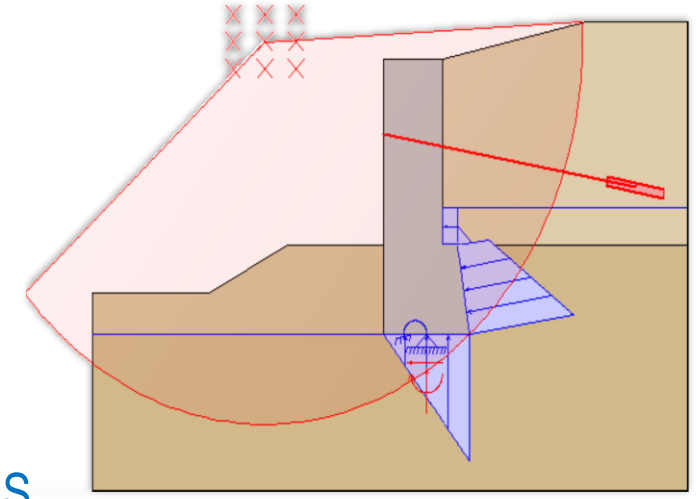


More Information under RIB Software > Ground Engineering > LIMES

PINWALLS - Analysis and Design of Underpinning Walls

- Geotechnical design according to DIN 1054 and EN 1997-1 with national annexes for DE & AT
- Consideration of different excavation stages and retreating construction stages with system modifications
- Consideration of different water levels in front of and behind the wall
- clearly arranged and complete result output including graphics and preview functions
- Interface with CAD systems to transfer the wall geometry





More Information under RIB Software > Ground Engineering > PINWALLS