BBR

Slope Failure Analysis

The BBR application allows slope failure analyses in accordance with the method of slices by Bishop.
The following standards are implemented

Standards

- DIN EN 1997-1
- ÖNORM EN 1997-1
- BS EN 1997-1
- DIN 1054

Scope of performance

- Interactive graphical input via the mouse supported by an input grid and an object capture function.
- Slip circle variations for rectangular and circular areas to be examined.
- Definition of ground polygons, ground partitions, constraint points, seepage line polygons, loads, waters as well as ground layers variable in thickness and depth.

Assistant

The assistant allows you to define quickly simple systems with the help of essential parameters such as abrupt topographical changes and the number of soil layers. These basic systems can be refined subsequently.

Ground partitioning

The BBR application automatically generates the necessary number of slices at crossings of ground, soil layers, waters and seepage line functions. In addition to this, you can define ground partitions which have an effect on the size of the generated slices.