

Jan Moon

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121

STABILITY CHARTS FOR EARTH SLOPES

5 cm

1. Stability number N_F for toe slip circles ($D_{TC} = 0$)
 - (a) $r_u = 0$
 - (b) $r_u = 0.25$
 - (c) $r_u = 0.5$

2. Stability number N_F for variable depth slip circles ($D_{TC} = 0$)
 - (a) $r_u = 0$
 - (b) $r_u = 0.25$
 - (c) $r_u = 0.5$

3. X and Y coords for critical toe circles ($D_{TC} = 0$)
 - (a) $r_u = 0$
 - (b) $r_u = 0.25$
 - (c) $r_u = 0.50$

4. X and Y coords for critical circles with depth factor $D = 1$ ($D_{TC} = 0$)
 - (a) $r_u = 0$
 - (b) $r_u = 0.25$
 - (c) $r_u = 0.50$

5. X and Y coords for critical circles ($D_{TC} = 0$)
 - (a) $D = 1.25$
 - (b) $D = 1.50$

6. Min^m stability number N_F for toe circles if depth of tension crack is allowed to vary - no water in tension crack.
 - (a) $r_u = 0$
 - (b) $r_u = 0.25$
 - (c) $r_u = 0.50$

7. Min^m stability number N_F for toe circles if depth of tension crack is allowed to vary - tension crack filled with water - $r_u = 0$.