Modelling Undrained Shear Strength and Pore Pressure Based on an Effective Stress Soil Model in Limit Equilibrium Method

Citation

Year
2015

Version
Publisher's PDF (version of record)

Link to publication
TUTCRIS Portal (http://www.tut.fi/tutcris)

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ERRATA


Revised by Ville Lehtonen, 7 January 2016

Please note: Line numbering is given from the start of the given paragraph, when applicable.

1. p. 4, line 4: for: “pore pressure parameter” read “dilatancy parameter”
2. p. 5, line 2: add line: “specific volume”
3. p. 5, line 19: add line: “Poisson’s ratio”
4. p. 15, para 2, line 1: for: “embankment” read: “an embankment”
5. p. 25, para 4, line 2: for: “and” read: “(and”
6. p. 32, Table 3.1, line “Bjerrum 1973”, column “Undrained shear strength” for “anisotropy increases” read “anisotropy decreases”
7. p. 34, para 2, line 1: for: “no notice” read: “to notice”
8. p.34, para 2, line 5: for: “tends so” read: “tends to”
11. p. 47, para 1, line 3: for: “values in” read: “values in calculations”

Please note: errata 12...27 concern equation numbering in Chapter 5, which after Eq. 5.42 were skipped by 10 numbers. The in-line references to the equations in the uncorrected text are still consistent with the uncorrected numbering and can be followed even without the errata.

12. p. 74, Equation 5.53: the equation number should be read as 5.43
13. p. 77, Equation 5.54: the equation number should be read as 5.44
14. p. 77, Equation 5.55: the equation number should be read as 5.45
15. p. 78, para 2, line 6: for: “Eq. 5.55” read: “Eq 5.45” (as per erratum 14)
16. p. 79, Equations 5.56 to 5.61: the equation numbers should be sequentially read as 5.46 to 5.51
17. p. 81, Equations 5.62 to 5.64: the equation numbers should be sequentially read as 5.52 to 5.54
18. p. 82, Equations 5.65 to 5.71: the equation numbers should be sequentially read as 5.55 to 5.61
19. p. 84, Equations 5.72 to 5.77: the equation numbers should be sequentially read as 5.62 to 5.67
20. p. 84, para 7, line 1: for: “5.73 and 5.74” read: “5.63 and 5.64” (as per erratum 19)
21. p. 84, para 9, line 1: for: “Eq. 5.59” read: “Eq 5.49” (as per erratum 16)
22. p. 87, Equations 5.78 to 5.81: the equation numbers should be sequentially read as 5.68 to 5.71
23. p. 88, Equation 5.73bis: the equation number should be read as 5.63bis
24. p. 88, Equation 5.82: the equation number should be read as 5.72
25. p. 88, Equation 5.83: the equation number should be read as 5.73
26. p. 88, para 3, line 3: for: “equations 5.75 and 5.76 are substituted with the Equations 5.82 and 5.83” read: “equations 5.65 and 5.66 are substituted with the Equations 5.72 and 5.73” (as per errata 19, 24 and 25)
27. p. 88, para 4, line 1: for: “5.73 and 5.82” read: “5.63 and 5.72” (as per errata 19 and 24)
28. p. 95, para 5, line 4: for: “Figures 6.4a and 6.4b show” read: “Figure 6.4 shows”

CONTINUED →
29. p. 111, Figure 6.14: add: “a)” to the top part figure and “b)” to the lower part figure
30. p. 112, Table 6.4: add: “a)” to the top part table and “b)” to the lower part table
31. p. 113, Figure 6.15: add: “a)” to the top part figure and “b)” to the lower part figure
32. p. 116, Figure 6.17: add: “a)” to the top part figure and “b)” to the lower part figure
33. p. 131, Figure 7.10: add: “a)” to the left part figure and “b)” to the right part figure
34. p. 114, Figure 7.12: add: “a)” to the top part figure and “b)” to the lower part figure
35. p. 137, Figure 7.13: add: “a), “b)” and “c)” respectively to the part figures from top down
36. p. 143, Figure 7.17: add: “a)” to the left part figure and “b)” to the right part figure
37. p. 150, Figure 7.20: add: “a)” to the top part figure and “b)” to the lower part figure
38. p. 175, Figure 8.16: add: “a)” to the top part figure and “b)” to the lower part figure
39. p. 185, para 3, line 2: for: “results, the” read: “results, and the”