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# **Corrigendum #3 for ‘Decoding Eurocode 7’ by Andrew Bond and Andrew Harris**

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Corrigendum #3 (this document) gives corrections that apply to all issues of the book, i.e. the original print run, first re-print, and second re-print (dated December 2009).

Corrigendum #2 (available separately) gives corrections that apply to both the original print run and the first re-print (dated April 2009).

Corrigendum #1 (available separately) gives corrections that apply to the original print run only (dated September 2008).

p8, §9, line 2

Replace ‘composite structures and members’ with ‘unreinforced, reinforced, prestressed, and confined masonry’

p9, §6

Delete paragraph beginning ‘Thus, there are a total of 58 parts...’ (already stated on p7)

p94, reference 2, line 2

Replace ‘999pp’ with ‘168pp’

p101, Figure 4.6

Replace ‘Very course soil’ with ‘Very coarse soil’

p125, reference 2, line 2

Replace ‘999pp’ with ‘196pp’

p129, figure caption

Replace ‘Figure 1’ with ‘Figure 5.1’

p170, reference 2, line 2

Replace ‘999pp’ with ‘196pp’

p195, Table, 5<sup>th</sup> line (‘Below ground level’)

Replace ‘Yes (STR)’ with ‘Yes (GEO)’ three times

Replace 'No (GEO)' with 'No (STR)' twice

p229, heading 'Dam with cutoff at heel'

Move heading to just before previous sub-heading 'Actions'

p233, third heading

Replace '... permanent ...' with '... persistent ...'

p275, §1, line 3

Replace the sentence beginning 'An advantage of...' with the following:  
"An advantage of Bishop's Routine Method is that it fully satisfies moment equilibrium and uses vertical equilibrium to derive the effective normal forces on each slice. Usually, the vertical interslice force for each slice is set to zero – while the horizontal interslice force does not appear in the equations, since only vertical equilibrium is considered. The full form of the method considers the sum of the interslice forces in both vertical and horizontal directions to be zero."<sup>77</sup>

p329, immediately below heading 'Material properties and resistance'

Replace 'Partial factors from Set M1' with 'Partial factors from Set M2'  
(the numerical values of the factors = 1.25 are correct)

p330, immediately below heading 'Bearing resistance'

Replace 'Partial factors from Set R2' with 'Partial factors from Set R3' (the numerical value of the factor = 1 is correct)

p346, note 2, line 1

Replace 'the' with 'The'

p397, bullet 9, line 2

Replace '57%' with '54%'

p397, bullet 10, §1, line 2

Replace '51%' with '48%'

p397, bullet 10, §2, line 3

Replace '57%' with '54%'

p405, §3, line 2

Replace '... must be designed for ...' with '... should be designed for ...'

p405, §3, line 4

Replace '... must be taken ...' with '... should be taken ...'

p405, §3, citation

Replace '[EN 1997-1 §9.6(3)P]' with '[EN 1997-1/AC §9.6(3)]'.

p410, §4, third equation

Insert '±' sign before the '( $K_n - 1$ )' term

p411, §1, line 1

Replace '... using the upper sign ...' with '... using the lower sign ...'

p411, §1, line 2

Insert ' $K_{ac}$ ,  $K_{pc}$ ' before ' $K_n$ ,  $m_v$  and  $m_w$ '

p411, §1, line 3

Replace '... using the lower signs.' with '... using the upper signs.'

p433, 'Geometry' section, line 3

Replace '=' 5.4 m' with '=' 5.35 m'

p435, 'Effects of actions' section, lines 5 and 6

Replace 'x  $K_{aq}$   $q_{Qk}$ ' with 'x  $K_{aq}$   $q_{Qk}$ ' (twice)

p451, §4, line 5

Replace 'Design Approach 1, Combination 1' with 'Design Approach 1, Combination 2'

pp478, 480, and 481

Replace ' $\gamma_{Rd} = 1.5$ ' with ' $\gamma_{Rd} = 1.75$ ' in three places (subsequent calculations are altered also). Since the book was published, the Irish NA has been published with a different value to that given in the draft NA.

p485, 'Actions, effects, and material properties' section, line 1

Replace 'calcuation' with 'calculation'

Back cover, bullet list, 5<sup>th</sup> bullet

Replace 'pile' with 'piles'

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1<sup>st</sup> March 2012

