Corrigendum #1 for 'Decoding Eurocode 7' by Andrew Bond and Andrew Harris

The following corrections are necessary to the original print run of 'Decoding Eurocode 7' (published September 2008). These corrections were included in the first re-print of the book (published April 2009).

Back cover, within Andrew Bond's short biography...
Change '... for Students of Structural Sesign' to '... for Students of Structural Design'.

p5, §5, line 1
Change 'The final chapter, Chapter 17 ...' to 'The final chapter, Epilogue ...'

p43, §1, line 2
Insert 'in' after 'wind loads'.

p65, note 4, line 3
Change 'variance' to 'variation'.

p106, §2, line 2
Insert space between ':' and '1981'.

p106, §3, line 1
Change 'in' to 'into'.

p140, §7, line 2
Change '-33m' (with hyphen) to '–33m' (with minus sign).

p195, §2, line 4
Change 'As discussed in Chapter 10 ...' to 'As discussed in Chapter 9 ...'

p205, table
Change the values of the partial factor for destabilizing variable wind and thermal actions in limit state EQU to the following:

Factor	EQU
$\gamma_{Q,dst}$	<u>Wind 1.5-1.65</u> <u>Thermal 1.5-1.65</u>

p382, note 2, line 4
   Delete 'of'.

p384-9, Example 11.3
   A corrected calculation, which includes all the changes listed below, is
   provided on the book's website www.decodingeurocode7.com.

p386, Example 11.3, line 12
   Change 'M_{Ed}' to '$M_{Ed,dst}$'.

p387, Example 11.3
   On line 3, change '$e_B = \begin{pmatrix} 0.38 \\ 0.30 \end{pmatrix} m$' to '$e_B = \begin{pmatrix} 0.13 \\ 0.19 \end{pmatrix} m$'.

   On line 5, change "$B' = \begin{pmatrix} 3.55 \\ 3.69 \end{pmatrix} m$" to "$B' = \begin{pmatrix} 4.03 \\ 3.93 \end{pmatrix} m$".

p388, Example 11.3
   On line 6, change '$q_{ult_3} = \begin{pmatrix} 122.8 \\ 53.7 \end{pmatrix} kPa$' to '$q_{ult_3} = \begin{pmatrix} 140.8 \\ 57.4 \end{pmatrix} kPa$'.

   On line 7, change '$q_{ult} = \begin{pmatrix} 227.2 \\ 109.4 \end{pmatrix} kPa$' to '$q_{ult} = \begin{pmatrix} 245.9 \\ 113.5 \end{pmatrix} kPa$'.

   On line 8, change "$q'_{Rd} = \begin{pmatrix} 227.2 \\ 109.4 \end{pmatrix} kPa$" to "$q'_{Rd} = \begin{pmatrix} 245.9 \\ 113.5 \end{pmatrix} kPa$".

   On line 11, change "$q'_{Ed} = \begin{pmatrix} 97.7 \\ 71.5 \end{pmatrix} kPa$" to "$q'_{Ed} = \begin{pmatrix} 85.9 \\ 67.2 \end{pmatrix} kPa$" and
   change "q'$_{Rd}$" to the values given above for line 8.

   On line 12, change '$\Lambda_{GEO,1} = \begin{pmatrix} 43 \\ 65 \end{pmatrix} \%$' to '$\Lambda_{GEO,1} = \begin{pmatrix} 35 \\ 59 \end{pmatrix} \%$'.

p389, Example 11.3
   On line 3, change "q'$_{Ed}$ = 97.7kPa and q'$_{Rd}$ = 162.3kPa" to "q'$_{Ed}$ = 85.9kPa
   and q'$_{Rd}$ = 175.6kPa".

On line 4, change '$\Lambda_{GEO,2} = 60\%$' to '$\Lambda_{GEO,2} = 49\%$'.
On line 5, change '$M_{Ed,dst} = 68.9kNm/m$' to '$M_{Ed,dst} = 245.2kNm/m$'.
On line 6, change '$\Lambda_{GEO,2} = 7\%$' to '$\Lambda_{GEO,2} = 26\%$'.
On line 10, change "$q'_{Ed} = 70.2kPa$ and $q'_{Rd} = 122.1kPa$" to "$q'_{Ed} = 79.3kPa$ and $q'_{Rd} = 113.7kPa$".
On line 11, change '$\Lambda_{GEO,2} = 58\%$' to '$\Lambda_{GEO,2} = 70\%$'.
On line 12, change '$M_{Ed,dst} = 69kNm/m$' to '$M_{Ed,dst} = 198.6kNm/m$'.
On line 13, change '$\Lambda_{GEO,2} = 10\%$' to '$\Lambda_{GEO,2} = 28\%$'.

p423, §2, line 3
Insert 'pressures' after 'active'.

p473, table
Change the values of the correlation factors for dynamic impact tests to the following (Fig 13.17 shows the correct values):

No of tests	ξ_5	ξ_6
2-4	1.94	1.90
5-9	1.85	1.76
10-14	1.83	1.70
15-19	1.82	1.67
≥ 20	1.81	1.66

p497 (Example 13.4), line 15
Change '$\xi 3$' to 'ξ_3'.

p512, §4, line 2
Delete '—' (before 'from')

p533, §7, line 4
Change '... constructed which ...' to '... constructed. This ...'.

p533, §7, line 6
Change 'placed' to 'given'

p535, §2, line 2
Delete 'micropiles including'.

p535, §3, line 2

Change '1994-1-1, and 10138-4' to 'and 1994-1-1'.

p535, §6, line 2
Insert comma after 'standards'.

p535, §7, lines 4 and 5
Change '100 piles above' to 'additional 100 piles' (twice).

p539, §3, line 4
Insert 'and' before 'plastic concrete cut-off walls'.

p545, §6, line 2
Delete 'grouting including'.

p549, §3, line 2
Delete 'as'.

p549, §4, line 1
Insert comma after 'agent'.

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