Corrigenda — CIBSE Guide D: Transportation systems in buildings

Page vi   Para 1, line 1: misspelling: 'withdrew'

Page 3-2   Section 3.2, line 10: λ incorrectly rendered as $\square$ (rendered correctly in PDF version)

Page 3-7   Equation 3.1: λ incorrectly rendered as $\square$ (rendered correctly in PDF version)

Page 3-8   Line 1: λ incorrectly rendered as $\square$ (rendered correctly in PDF version)

Page 3-8   Para 4, line 3: λ incorrectly rendered as $\square$ (rendered correctly in PDF version)

Page 7-21   Section 7.3.7, para 1, line 3: decent should read 'descent'

Page 13-5   Line 12: α incorrectly rendered as $\square$ (rendered correctly in PDF version)

Page 13-12   Para 3 and equation 13.7 should read: 'For lifts serving an express zone … is replaced by (R_{ez}), which is calculated by equation 13.7:

$$R_{ez} = \frac{k_{av} \times \left[s_{rc} - \left(s_{dz} - s_{fl} \right) \right] + k_{ez} \left(s_{dz} - s_{fl} \right)}{s_{rc}}$$

where R_{ez} is the ratio of average travel distance for a high zone, k_{av} is the ratio of average travel distance … etc.'

Page 13-16   Line above equation 13.13: α incorrectly rendered as $\square$ (rendered correctly in PDF version)

Page 13-16   Equation 13.13 should read:

$$E_{load} = \frac{N \times m \times g \times H}{3.6 \times 10^6 \times \eta} \times \left(1 + \frac{\mu}{\tan \alpha} \right)$$

Page 13-16   Footnote: should refer to section 13.3

Page 13-17   Line above equation 13.14: α incorrectly rendered as $\square$ (rendered correctly in PDF version)

Page 13-17   Equation 13.14 should read:

$$E_{load} = \frac{N \times m \times g \times H \times \eta \times CF}{3.6 \times 10^6} \times \left(-1 + \frac{\mu}{\tan \alpha} \right)$$

Page 13-17   Line above equation 13.15: α incorrectly rendered as $\square$ (rendered correctly in PDF version)

Page 13-17   Equation 13.15 should read:

$$E_{load} = \frac{N \times m \times g \times L \times \mu}{3.6 \times 10^6 \times \eta}$$

Page 13-17   Table 13.12: α incorrectly rendered as $\square$ (3 occasions) (rendered correctly in PDF version)

Page 13-21   Equation 13.16 (rendered correctly in PDF version) should read:

$$P_{nlhr} = \frac{2 \cos \alpha \, (A Z + B) \, v}{1000 \, \eta_{nold}}$$

Page 13-21   Line following equation 13.16: α incorrectly rendered as $\square$ (rendered correctly in PDF version)

Page 13-21   Table 13.17, column headings (columns 4 and 5): α incorrectly rendered as $\square$;
                 column 1, row 4: η incorrectly rendered as $\square$ (all rendered correctly in PDF version)

Page 13-26   Example 13.5, line 3 should be moved to line 8, to replace 'Calculation (using equation 13.3)', and should read: 'Evaluating equation 13.3, replacing the parameter k_{av} by R_{ez}:

$$E_{ez} = \frac{n_d \times R_{ez} \times k_L \times E_{rc}}{s_{rc}} = \frac{750 \times 0.42 \times 0.94 \times 310}{2} = 45\,896 \text{ W} \cdot \text{h}$$

Page 13-27   Example 13.6, calculations, second equation should read:

$$E_{load} = \frac{8000 \times 75 \times 9.81 \times 4.5}{3.6 \times 10^6 \times 0.75} \times \left(1 + \frac{0.05}{0.577} \right)$$

Page 13-28   Example 13.7, calculations, first equation: same as Example 13.6 above.

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