

1 Basic of thermodynamics

Page 30, Problem 1.13: replace '1010 J/kg' with '1010 J/(kg K)'

2 Heat transfer

Page 41, line 13: replace with

$$\frac{\partial \theta}{\partial t} = a \left(\frac{\partial^2 \theta}{\partial x^2} + \frac{\partial^2 \theta}{\partial y^2} + \frac{\partial^2 \theta}{\partial z^2} \right),$$

[reported by Mohsen Soleimani Mohseni]

Page 43, line 20: replace the text 'is much higher' with 'is much lower'.

[reported by Mohsen Soleimani Mohseni]

Page 54, line 20: replace the text ' $4 \mu\text{m} > \lambda > 7.5 \mu\text{m}$ ' with ' $0.4 \mu\text{m} > \lambda > 0.75 \mu\text{m}$ '. [reported by Mohsen Soleimani Mohseni]

3 Heat transfer in building components

Page 114, Problem 3.5: replace the text 'Vertical airspace' with 'Vertical un-ventilated airspace'

Page 114, Problem 3.7: replace the text 'an airspace' with 'an unventilated airspace'

Page 115, Problem 3.7: replace the text 'within the airspace is 0°C ' with 'within the airspace is -2°C '

4 Moisture in building components

Page 145, line 5: replace the text 'equivalent layer thickness' with 'equivalent air layer thickness'

Page 165, Problem 4.3: replace the text '1.8 kg' with '1.7 kg'

Page 166, Problem 4.10: replace the text 'equivalent layer thickness' with 'equivalent air layer thickness'

8 Illumination

Page 272, Problem 8.3: replace 'of height 9.5 m' to 'of height 22.5 m'.