

153頁 2～6行目の式

【誤】

$$\begin{aligned}x_{s1} &= \frac{\sum y \times x}{\sum y} \\&= \frac{15.16 \times 0 + 10.31 \times 0.91 + 3.33 \times 2.73 + 11.46 \times 4.55 + 1.82 \times 5.46 + 11.82 \times 6.37 + 13.29 \times 7.28 + 2.64 \times 9.10 + 6.17}{(15.16 + 10.31 + 3.33 + 11.46 + 1.825 + 13.29 + 2.64 + 6.17)} \\&= \frac{338.38}{76} = 4.45 \text{ (m)} \\y_{s1} &= \frac{\sum x \times y}{\sum x} = \frac{21.73 \times 0 + 5.99 \times 1.82 + 18.1 \times 3.64 + 12.23 \times 6.37 + 12.74 \times 7.28 + 3.19 \times 8.19}{(21.73 + 5.99 + 18.1 + 12.23 + 12.74 + 3.19)} = \frac{273.56}{73.98} = 3.70 \text{ (m)} \\S(x_{s1}, y_{s1}) &= (3.70, 4.45)\end{aligned}$$

【正】

$$\begin{aligned}x_{s1} &= \frac{\sum y \times x}{\sum y} \\&= \frac{15.16 \times 0 + 10.31 \times 0.91 + 3.33 \times 2.73 + 11.46 \times 4.55 + 1.82 \times 5.46 + 11.82 \times 6.37 + 13.29 \times 7.28 + 2.64 \times 9.10 + 6.17 \times 10.01}{(15.16 + 10.31 + 3.33 + 11.46 + 1.82 + 11.82 + 13.29 + 2.64 + 6.17)} \\&= \frac{338.38}{76} = 4.45 \text{ (m)} \\y_{s1} &= \frac{\sum x \times y}{\sum x} = \frac{21.73 \times 0 + 5.99 \times 1.82 + 18.1 \times 3.64 + 12.23 \times 6.37 + 12.74 \times 7.28 + 3.19 \times 8.19}{(21.73 + 5.99 + 18.1 + 12.23 + 12.74 + 3.19)} = \frac{273.56}{73.98} = 3.70 \text{ (m)} \\S(x_{s1}, y_{s1}) &= (4.45, 3.70)\end{aligned}$$