

「材料強度学」（機械系 教科書シリーズ 26）正誤表

p.48 例題 3.1 解答 2 行目および 4 行目の式

[正] $\frac{\partial^2 \varepsilon_x}{\partial y^2} = \frac{\partial^2}{\partial y^2} \left(\frac{\partial u}{\partial x} \right), \quad \frac{\partial^2 \varepsilon_y}{\partial x^2} = \frac{\partial^2}{\partial x^2} \left(\frac{\partial v}{\partial y} \right)$
 $\frac{\partial \gamma_{xy}}{\partial x \partial y} = \frac{\partial^2}{\partial x^2} \left(\frac{\partial v}{\partial y} \right) + \frac{\partial^2}{\partial y^2} \left(\frac{\partial u}{\partial x} \right) = \frac{\partial^2}{\partial x \partial y} \left(\frac{\partial v}{\partial x} + \frac{\partial u}{\partial y} \right)$

p.55 例題 3.2 の式

[誤] $F(\alpha) = (1 - 0.25\alpha^2 + \dots) \dots \quad$ [正] $F(\alpha) = (1 - 0.025\alpha^2 + \dots) \dots$

p.174 演習問題解答 2 章【7】4 行目の式

[誤] $\log(510 \times 10^6) = \dots \quad$ [正] $\log(560 \times 10^6) = \dots$

(1)