

【結構設計（鋼筋混凝土學與設計）⑤】答案勘誤表

P1

原本為：

$$\begin{aligned}
 (2)3\phi V_c < V_u \leq 3\phi V_c \Rightarrow s_{\max} &= \min \left[ \frac{A_v f_y}{3.5 b_w}, \frac{A_v f_y}{0.2 \sqrt{f'_c} b_w}, \frac{d}{2}, 60 \right] \\
 &= \min \left[ \frac{2 * 0.71 * 2800}{3.5 * 40}, \frac{2 * 0.71 * 2800}{0.2 \sqrt{350} * 40}, \frac{63}{2}, 60 \right] \\
 &= \min[28.4, 26.57, 31.5, 60] = 26.57 \text{ cm} \\
 &< s = 863.75 \text{ cm (N.G.)}
 \end{aligned}$$

use s = 25 cm .....Ans.

修正為：

$$\begin{aligned}
 (2)\phi V_c < V_u \leq 3\phi V_c \Rightarrow s_{\max} &= \min \left[ \frac{A_v f_y}{3.5 b_w}, \frac{A_v f_y}{0.2 \sqrt{f'_c} b_w}, \frac{d}{2}, 60 \right] \\
 &= \min \left[ \frac{2 * 0.71 * 2800}{3.5 * 40}, \frac{2 * 0.71 * 2800}{0.2 \sqrt{350} * 40}, \frac{63}{2}, 60 \right] \\
 &= \min[28.4, 26.57, 31.5, 60] = 26.57 \text{ cm} \\
 &< s = 863.75 \text{ cm (N.G.)}
 \end{aligned}$$

use s = 25 cm .....Ans.