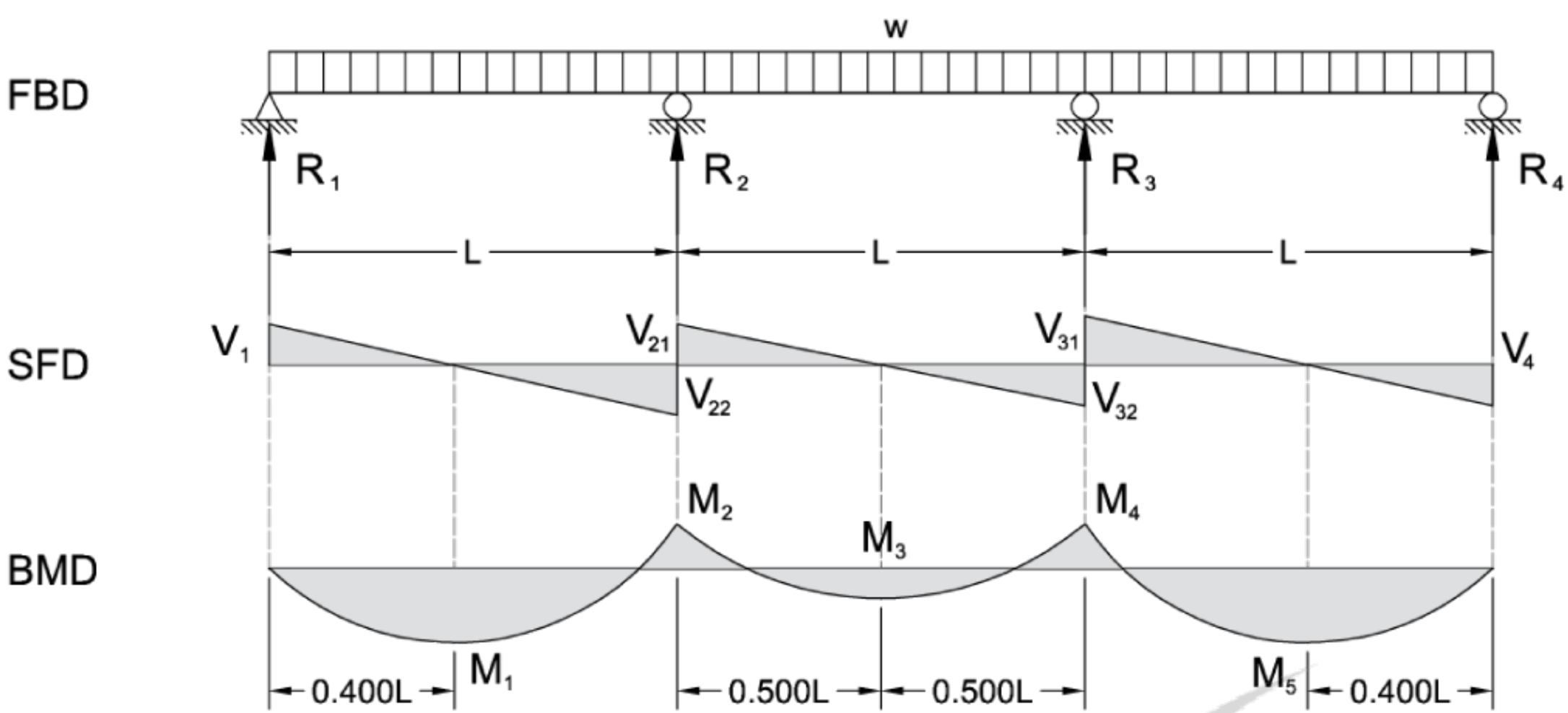

$R_1 = V_1 = R_4 = V_4 \ldots\ldots = 0.400wL$

$R_2 = R_3 \ldots\ldots = 1.10wL$

$V_{2_1} = V_{3_2} \ldots\ldots = 0.500wL$

$V_{2_2} = V_{3_1} \ldots\ldots = 0.600wL$

$M_1 = M_5$ (at 0.400L from R_1 or R_4) $\ldots\ldots = 0.080wL^2$

$M_2 = M_4$ (at R_2 or R_3) $\ldots\ldots = 0.100wL^2$

M_3 (at mid centre span) $\ldots\ldots = 0.025wL^2$

Δ_{max} (at 0.446L from R_1 or R_4) $\ldots\ldots = \dfrac{0.0069wL^4}{EI}$