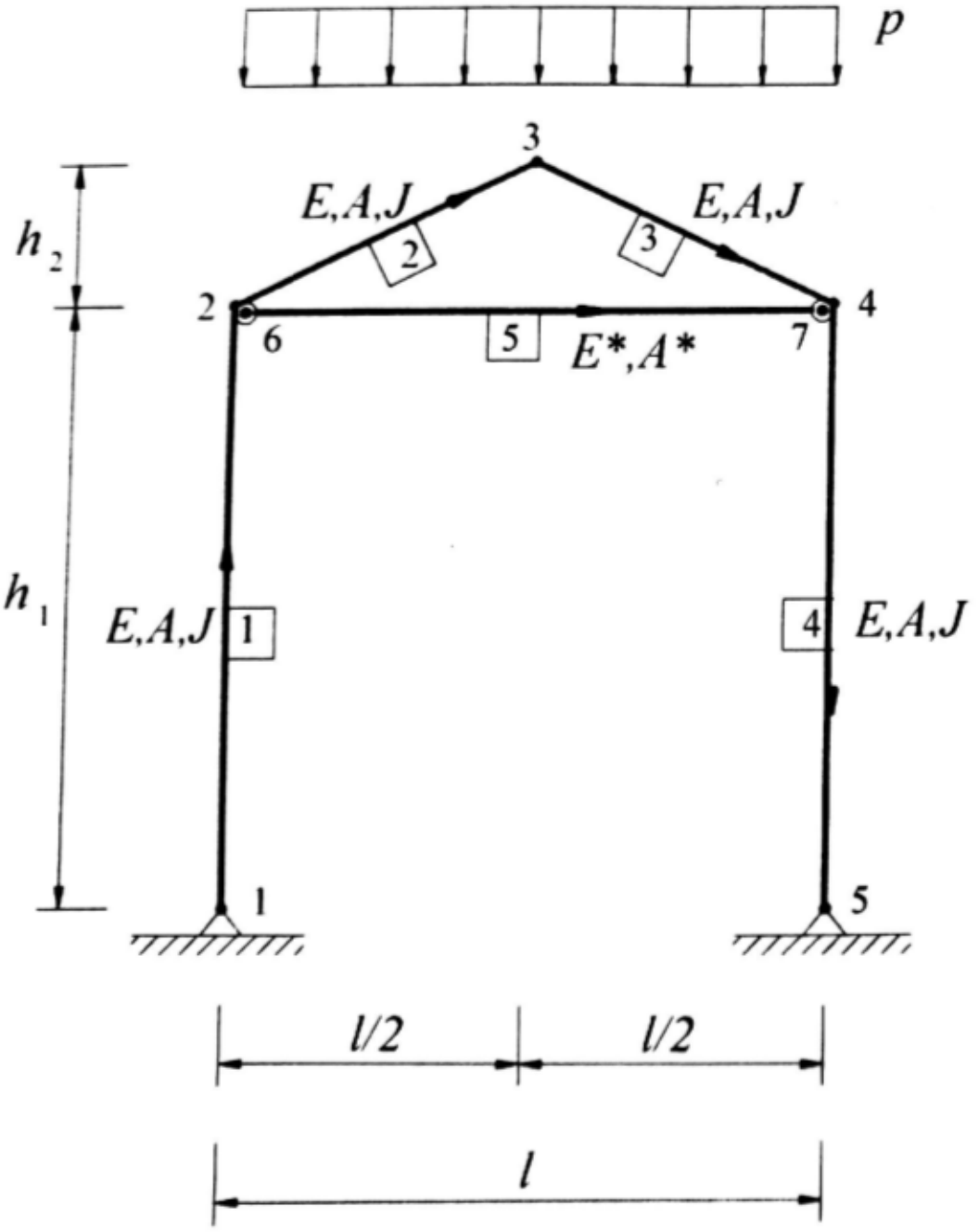

$p = 50 kN/m$

$l = 4.00$ m

$h_1 = 3.00$ m

$h_2 = 1.00$ m

$J = 6.75 \times 10^8$ mm^4

$EA = \infty$

$E = 30000$ N/mm^2

$A^* = 1000$ mm^2

$E^* = 210000$ N/mm^2

$$\vartheta = arctg \frac{2h_2}{l} = 26°33'54".2$$

$p_x = p \sin\vartheta \cos\vartheta = 20$ kN/m

$p_y = p \cos^2\vartheta = 40$ kN/m