



$$0 \hat{\lambda} + V_1 \hat{j} = \left(V_2 - \omega_{AB} L_{AB} \sin \theta\right) \hat{j}$$

$$- \omega_{AB} L_{AB} \cos \theta \hat{j}$$

$$- \omega_{AB} L_{AB} \sin \theta = 0 \qquad -0$$

$$V_A = - \omega_{AB} L_{AB} \cos \theta \qquad -(2)$$

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$$V_{AB} = \frac{V_B}{L_{AB} \sin \theta} - \frac{7}{\left(\frac{40}{12}\right)} \sin(72)$$

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$$V_{AB} = - 2 \cdot 208 \times 40 \times 60 \times 60$$

$$V_{AB} = - 2 \cdot 274 + 16 \times 10$$

