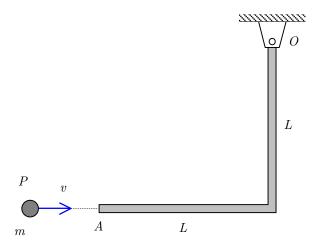
## Homework H.5.L

Given: Particle P (of mass m) strikes end A of a stationary homogeneous L-shaped bar (of mass M) with a speed of v. The coefficient of restitution for the impact of P with end A of the bar is known to be e.

Find: Determine the angular speed of bar OA immediately after the impact.



HORIZONTAL PLANE

Use the following parameters in your analysis: M=30 kg, m=10 kg, L=2 m, v=40 m/s and e=0.

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