

QUESTION

Two identical rectangular frames are shown. The left frame is upright, and the right frame is tilted. Both frames are supported by a single vertical post at the bottom center. The frames are made of thin rods and have a uniform mass distribution.



Frame	Center of Mass	Support Point
Upright Frame	At the center of the rectangle	At the bottom center
Tilted Frame	At the center of the rectangle	At the bottom center

Which frame is in equilibrium?

Answer: _____



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