

On Solutions of a Variation of a Hallway-Ladder Problem

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This article considers a variation of the classic problem determining the length of the longest ladder you can get around a corner in a hallway, by assuming the corner in the hallway is not a right angle. Then, instead of pivoting the ladder about its center along the inner corner of the hallway, maybe a longer ladder could be moved around the hallway by pivoting the ladder around its endpoint along the outer corner of the hallway. This article walks one through three different solutions of the problem, in an order of “simplicity.” One solution presented is from a previous article by the primary author in *The AMATYC Review*.



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