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Lazy Golfing

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Lazy Golfing

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Walking golfers are expected to leave their golf bags just outside the edge of the green while they are putting the ball. We construct a simple model of this situation, in which the green is assumed to be a circle with the hole at the center and the golfer one-putts the ball. (He or she is a great golfer!) We construct a function to determine the distance that the golfer walks from his or her approach shot on the green and then to the next tee box. Given this model, we determine the optimal location for leaving the golf bag in order to minimize the walking that the golfer is required to do.

Information about the Authors:

Didar Ashkerbekov is an electrical engineering major from Kazakhstan. Max Hougas is a computer engineering major from Wisconsin. Both students have had extensive mathematical experience both in the form of raw math classes as well as more practical experience in applying mathematical concepts to engineering problems.

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