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A PROBABILISTIC APPROACH TO THE ESTIMATION OF THE DISTRIBUTION OF THE TARGET LOCATION POINT

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Abstract. A probabilistic approach is used to estimate the probability distribution of the target location point. The results can be used in missile-testing and target acquisition fire support model simulation. The target may be a mobile multiple launcher rocket, an antiaircraft gun or a ship in mid-ocean. In each case, there is a time lag between the detection of the target and the arrival of the projectile.

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