

NOVEL RETALIATION STRATEGIES AGAINST ARTILLERY THREATS

Abstract

Artillery firing across terrains remains one of the most common and convenient modes of battlefield operations. Typically, this involves firing small-sized shells from one side of hillocks to the other sides with an estimated location/coordinates of the target. However, the targeted side must have effective countermeasures to such shelling. Typically, in commercially available products, radar-based techniques are implemented to find and track the shells being fired towards friendly terrain. There is, however, a need for techniques that are computationally fast, economical, and easy to use in the field during operations. Such techniques remain a topic of research that has direct application in defense systems used for national security.