USING THE MATLAB.SIMULINK SOFTWARE SUITE FOR BALLISTIC ANALYSIS

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Abstract

In this work we have simulated the flight of the material point in the MATLAB.Simulink environment coded in C++ and analyzed the results obtained. The benefits of applying this software suite have been revealed. We simulated the flight of the ideally homing surface-to-air missile and the surface-to-air missile real flight. The article proves the impossibility of using the guidance system without the correcting filters.

Keywords

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