

THE OPTIMUM DISTRIBUTION OF ROCKETS

Dr. Afaf El-Dash

Dept. of Math., Helwan Univ.

Eng. Ibrahim Bakry

In Egyptian Air Forces

Eng. El Sayed El Araby

In Egyptian Air Forces

In this paper, for the first time, an integer goal programming model is presented to construct the optimum distribution of rockets. Where the danger, high; and distance of targets are considered. By using this distribution, a decision maker of rockets network can destroy the targets with a minimum expected risk and a minimum expected number of rockets.

Key Words: Goal programming, rockets network, targets, decision maker.

PROBLEM