

Government's Activities for Counterterrorism: Min-Max Differential Game Approach

Abdelmonem Megahed¹, E. Youness², and H. K. Arafa¹

¹Suez Canal University

²Tanta University Faculty of Science

May 5, 2020

Abstract

One of the main problems facing governments at present is terrorism. Most recent studies are striving to find an optimal solution to this problem that threatens the security and stability of peoples. To combat terrorism, government uses various means such as: education development, providing labor opportunities, seeking social justice, religious awareness, and security arrangements. The purpose of this research is to evaluate the optimum strategy for both government and terrorist organizations using Min-Max differential game approach. Also, a saddle point concept for this game was discussed

Hosted file

terrorELRJS_corresponding_author (1).pdf available at <https://authorea.com/users/300172/articles/429859-government-s-activities-for-counterterrorism-min-max-differential-game-approach>

figures/22/22-eps-converted-to.pdf

figures/44/44-eps-converted-to.pdf