

12TH ICCRTS
“Adapting C2 to the 21st Century”

Optimal Investment Policy in Advanced Command and Control systems

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Abstract:

Western military forces spend considerably on C2 systems, building on a general – yet intuitive – agreement as to their military utility. This paper presents an analytical economic model of investment in C2 systems. Based on a few key characteristics of C2 systems, the proposed model provides insights and guidelines regarding the optimal investment policy in such systems. The model is then applied to publicly-available US military budget data.