

## **Notice pdf - Information sharing among military headquarters**

Type de contenu : Texte

Type de médiation : sans médiation

Type de support : Volume

Titre(s) : Information sharing among military headquarters : the effects on decisionmaking / Walter L. Perry, James Moffat

Auteur(s) : Perry, Walter L.

Autre(s) auteur(s) : Moffat, James (1948-....)

Editeur, producteur : Santa Monica (Calif.) [etc.] : RAND, 2004

Description matérielle : 1 vol. (XXXV-122 p.) : ill., graph., tabl. ; 23 cm

ISBN : 0-8330-3668-8  
978-0-8330-3668-1

EAN : 9780833036681 br.

Classification décimale Dewey : 355.330 41

Note(s) : "Prepared for the United Kingdom Ministry of Defense" (p. de titre)  
"MG-226-UK" (4e de couv.)

Note sur la description bibliographique : Consultable à l'adresse

Note sur les bibliographies et les index : Bibliogr. p. 119-122. Glossaire

Note sur le contenu : Introduction Decisions in a network Representing uncertainty The effects of collaboration The effects of complexity Conclusion Rapid planning process Information entropy Application to a logistics network

Résumé ou extrait : La 4e de couv. indique : "Military commanders work under stressful and fast-changing circumstances and need to understand the complexities of decisionmaking in intricate networks. New concepts such as network-centric operations and distributed and decentralised command and control have been suggested as technologically enabled replacements for platform-centric operations and for centralised command and control in military operations. But as attractive as these innovations may seem, they must be tested before adoption. This report, conducted by a joint US/UK team, proposes a theoretical method to assess the effects of information gathering and collaboration across an information network on

military decisions taken by a group of local decisionmakers. The authors use the Rapid Planning Process and previous work on the effects of network-centric warfare to analyse the quality of decisions in an alternative structure. Specifically, they assess the effects of collaboration across alternative information network structures in carrying out a time-critical task, identify the benefits and costs of local collaboration using a relationship based on information entropy, and look at how a multitude of unneeded information, or "information overload", affects a system."

Sujet - Nom commun : Commandement et conduite des opérations, Systèmes de -- États-Unis  
Art et science militaires -- États-Unis -- Prise de décision  
Forces armées américaines -- Systèmes de communication  
Forces armées américaines -- États-majors