Systemic Operational Design: An Introduction

By William T Sorrells, Glen R Downing, Paul J Blakesley

Biblioscholar, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.Systemic Operational Design (SOD) is an application of systems theory to operational art. It is an attempt to rationalize complexity through systemic logic employing a holistic approach that translates strategic direction and policy into operational level designs. SOD focuses upon the relationships between entities within a system to develop rationale for systemic behaviors that accounts for the logic of the system, facilitating a cycle of design, plan, act, and learn. This is accomplished through seven discourses, leading to a holistic design of an operation that will facilitate planning. Military operations exhibit the signs indicative of complex behavior. Traditional industrial age thinking has led to an approach to planning based on decomposition of problems into pieces of the coherent whole and specialization into organizational sub-sets for analysis and planning. Synchronization of these separate ideas was then enacted to form a complete plan. This approach to design and planning is classical in its roots, based on a mixture of Jomini and Clausewitz, and characterized by a predominantly linear and mechanistic approach. This approach to planning had, and continues to have,...

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