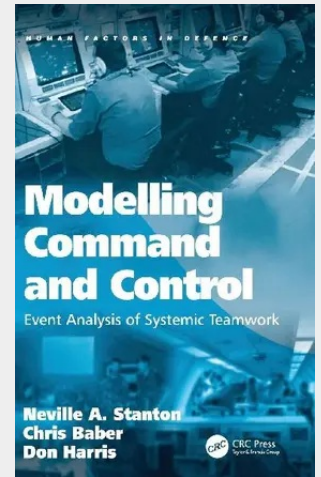


Modelling Command and Control

Event Analysis of Systemic Teamwork

Since its inception, just after the Second World War, Human Factors research has paid special attention to the issues surrounding human control of systems. Command and control environments continue to represent a challenging domain for human factors research. Modelling Command and Control takes a broad view of command and control research, to include C2 (command and control), C3 (command, control and communication), and C4 (command, control, communication and computers) as well as human supervisory control paradigms. The book presents case studies in diverse military applications (for example, land, sea and air) of command and control. The book explores the differences and similarities in the land, sea and air domains; the theoretical and methodological developments, approaches to system and interface design, and the workload and situation awareness issues involved. It places the role of humans as central and distinct from other aspects of the system. Using extensive case study material, Modelling Command and Control demonstrates how the social and technical domains interact, and why each require equal treatment and importance in the future.

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