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Control"; "Display and Command"

"Computer Knowledge-Based Systems and the Operator's Internal Cognitive Model"; "Human-Machine Control"; "Cognitive Science"; "Mental Workload"; "Human-Machine Control (This section is adapted from Sheridan and Young, 1982)."; "Cognitive Science"; "Human Proficiency and Error: Culpability, Trust, and Ultimate Authority"; "CONCLUSIONS AND RECOMMENDATIONS"; "REFERENCES"; "5 USER-COMPUTER INTERACTION "; "INTRODUCTION"; "THE COMPUTER SYSTEM"; "USERS AND TASKS"; "Users"; "Tasks"; "COMPUTER HARDWARE"; "Input Devices"; "Output Devices"; "CRT Displays" "Alternatives to CRT Displays" "Workplace Design"; "General Problems"; "COMPUTER SOFTWARE"; "DOCUMENTATION"; "Documentation as Part of an Overall System"; "Computer-Based Versus Print-on-Paper Documentation"; "Capturing the Intent of the Creators of the System"; "Dynamic Graphics and Documentation"; "Documentation in the Form of Knowledge Bases"; "Computer Systems to Facilitate Conventional Documentation"; "SUMMARY AND CONCLUSIONS"; "REFERENCES"; "6 POPULATION GROUP DIFFERENCES "; "THE IMPACT OF FEDERAL ANTIDISCRIMINATION LEGISLATION"; "SEX AND JOB PERFORMANCE" "AGE AND JOB PERFORMANCE" "INTERACTIONS AMONG VARIABLES"; "NATIONAL AND ETHNIC DIFFERENCES"; "INDIVIDUAL DIFFERENCES AND TRAINING"; "BARRIERS TO SUCCESSFUL PERFORMANCE"; "RECOMMENDATIONS FOR RESEARCH ON POPULATION GROUP DIFFERENCES"; "REFERENCES"; "7 APPLIED METHODS IN HUMAN FACTORS "; "DOCUMENTATION OF APPLIED METHODS"; "SURVEY OF HUMAN FACTORS SPECIALISTS ON APPLIED METHODS"; "EDUCATION IN APPLIED METHODS"; "Education in Colleges and Universities"; "Continuing Education in Applied Methods"; "RESEARCH ON APPLIED METHODS" "Improvement and Extension of Existing Applied Methods"

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