

Contents

<i>List of Figures</i>	<i>vii</i>
<i>List of Tables</i>	<i>xi</i>
<i>Preface</i>	<i>xiii</i>
<i>Foreword</i>	<i>xv</i>
1 Stress and Performance <i>P.A. Hancock and J.L. Szalma</i>	1
2 Contemporary and Future Battlefields: Soldier Stresses and Performance <i>Gerald P. Krueger</i>	19
3 Mitigating the Adverse Effects of Workload, Stress, and Fatigue with Adaptive Automation <i>Raja Parasuraman and P.A. Hancock</i>	45
4 Concentration, Stress and Performance <i>Anthony W.K. Gaillard</i>	59
5 Remote Command and Control, Trust, Stress, and Soldier Performance <i>Kip Smith</i>	77
6 Changes in Soldier's Information Processing Capability under Stress <i>Wayne C. Harris, Karol G. Ross and P.A. Hancock</i>	101
7 Vigilance, Workload, and Stress <i>Joel. S. Warm, Gerald Matthews and Victor S. Finomore Jr.</i>	115
8 Temporal Regulation and Temporal Cognition: Biological and Psychological Aspects of Time Stress <i>Rene J. de Pontbriand, Laurel E. Allender and Francis J. Doyle, III</i>	143
9 Positive Psychology: Adaptation, Leadership, and Performance in Exceptional Circumstances <i>Michael D. Matthews</i>	163
10 Stress and Teams: How Stress Affects Decision Making at the Team Level <i>C. Shawn Burke, Heather A. Priest, Eduardo Salas, Dana Sims and Katie Mayer</i>	181
11 Mitigating the Effects of Stress through Cognitive Readiness <i>Linda T. Fatkin and Debbie Patton</i>	209

12	Fatigue and its Effect on Performance in Military Environments <i>N.L. Miller, P. Matsangas and L.G. Shattuck</i>	231
13	Multi-Modal Information Display under Stress <i>T. Oron-Gilad and P.A. Hancock</i>	251
14	Stress Exposure Training: An Event-Based Approach <i>James E. Driskell, Eduardo Salas, Joan H. Johnston and Terry N. Wollert</i>	271
15	Augmenting Multi-Cultural Collaboration <i>Mary T. Dzindolet, Linda G. Pierce and Melissa W. Dixon</i>	287
16	Individual Differences in Stress Reaction <i>James L. Szalma</i>	323
17	Stress and Performance: Experiences from Iraq <i>LTC J.L. Merlo, CPT Michael A. Szalma, and P.A. Hancock</i>	359
	<i>Index</i>	379