Record Nr. UNINA9910456756603321 Human factors issues in combat identification [[electronic resource] /] / **Titolo** edited by Dee H. Andrews, Robert P. Herz and Mark B. Wolf Pubbl/distr/stampa Burlington, VT, : Ashgate, c2010 **ISBN** 1-315-58738-6 1-317-12018-3 1-282-38543-7 9786612385438 0-7546-9515-8 Descrizione fisica 1 online resource (398 p.) Collana Human Factors in Defence Altri autori (Persone) HerzRobert P WolfMark B AndrewsDee H Disciplina 355.4/22 Soggetti Friendly fire (Military science) - United States Combat - Psychological aspects Combat - Physiological aspects Psychology, Military Electronic books. Lingua di pubblicazione Inglese Materiale a stampa **Formato** Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Cover; Contents; List of Figures; List of Tables; List of Contributors; Foreword; Preface; 1 Introduction; Section 1 Cognitive Processes; Section 2 Visual Discrimination; Section 3 Situation Awareness; Section 4 Teams; Section 5 Automation; Index Sommario/riassunto This edited book presents an array of approaches on how human factors theory and research addresses the challenges associated with combat identification. Special emphasis is placed on reducing human error that leads to fratricide, which is the unintentional death or injury of friendly personnel by friendly weapons during an enemy engagement. Although fratricide has been a concern since humans first engaged in combat operations, it gained prominence during the Persian Gulf War. To reduce fratricide, advances in technological approaches to enhance combat identification (e.g., Blue Force Tracker)