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Nota di contenuto	Detection of Highly Energetic Materials using Infrared Spectroscopy Coupled with Chemometrics -- Platform for Interactive Audiovisual Productions and Generative Art using Processing -- Feasibility Study of the Use of Petri Nets in the Verification of UML Diagrams -- Maturity Model for Boards of Directors in Cyber Risk Governance. A Conceptual and Practical Proposal -- A Visual Graph Approach for Evaluating the Vulnerability of ENC Standards -- Bibliometric Analysis on Cibersecurity: Spoofing Attack Technique and Evolution -- Centralized Management IoT Platform -- Application of the Criterion of Total Movement Minimization in the Ammunition Area of an Armament Factory -- Sweat as a Testing Analytical Fluid for Emotions and Stress Biomarkers Detection -- Statistical Processing of Relationship Between Biomarkers and Disease Severity Caused by Covid-19 Infection-Delta Variant -- Sustainable Development in Higher Education Curricula for Software Engineering Chairs -- Evaluation of Digital Skills. Educating

Sommario/riassunto

This book gathers the proceedings of the Multidisciplinary International Conference of Research Applied to Defense and Security (MICRADS 2022), held at Escuela Naval de Suboficiales ARC "Barranquilla," in Barranquilla, Colombia, during July 11–13, 2022. It covers a broad range of topics in systems, communication, and defense; strategy and political-administrative vision in defense; and engineering and technologies applied to defense. Given its scope, it offers a valuable resource for practitioners, researchers, and students alike.