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Nota di contenuto	Effectiveness of Passive Thermography in Predicting Mucositis in Head and Neck Cancer Patients using Light-weight Convolutional Neural Networks Approach -- MalDualCNN: A Novel Malware Detection Technique Using Binary File Visualization and Dual Convolutional Neural Network -- Enhancing AI capabilities to improve cybersecurity. Exploring the Diversity of Evolved Cognitive Models with Cluster Analysis -- Personalized Learning with Generative AI: Revolutionizing Learning Management Systems.
Sommario/riassunto	The book presents the proceedings of the 12th International Conference on Frontiers of Intelligent Computing: Theory and Applications (FICTA 2024), held at Intelligent Systems Research Group (ISRG), London Metropolitan University, London, United Kingdom,

during June 6 – 7, 2024. Researchers, scientists, engineers, and practitioners exchange new ideas and experiences in the domain of intelligent computing theories with prospective applications in various engineering disciplines in the book. This book is divided into four volumes. It covers broad areas of information and decision sciences, with papers exploring both the theoretical and practical aspects of data-intensive computing, data mining, evolutionary computation, knowledge management and networks, sensor networks, signal processing, wireless networks, protocols, and architectures. This book is a valuable resource for postgraduate students in various engineering disciplines.

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