1. Record Nr.   UNINA9910632482703321

   Titolo   Proceedings of the Satellite Workshops of ICVGIP 2021 / / edited by
                        Uma Mudenagudi, Aditya Nigam, Ravi Kiran Sarvadevabhatla, Ayesha
                        Choudhary

   Pubbl/distr/stampa   Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2022

   ISBN   981-19-4136-X

   Edizione   [1st ed. 2022.]

   Descrizione fisica   1 online resource (261 pages)

   Collana   Lecture Notes in Electrical Engineering, , 1876-1119 ; ; 924

   Disciplina   343.730967

   Soggetti   Signal processing
                        Image processing - Digital techniques
                        Computer vision
                        Artificial intelligence - Data processing
                        Signal, Speech and Image Processing
                        Computer Imaging, Vision, Pattern Recognition and Graphics
                        Digital and Analog Signal Processing
                        Data Science

   Lingua di pubblicazione   Inglese

   Formato   Materiale a stampa

   Livello bibliografico   Monografia

   Nota di bibliografia   Includes bibliographical references.

   Nota di contenuto   Systematic Approach to Tuning a Deep CNN Classifying Bharatanatyam
                        Mudras -- Comparative Analysis of Neural Architecture Search Methods
                        for Classification of Cultural Heritage Sites -- Heritage Representation
                        of Kashi Vishweshwar Temple at Kalabgoor, Telangana with Augmented
                        Reality Application Using Photogrammetry -- Augmented Data as an
                        Auxiliary Plug-In Toward Categorization of Crowdsourced Heritage
                        Data -- Evolution of Bagbazar Street Through Visibility Graph Analysis
                        (1746–2020).

   Sommario/riassunto   This book constitutes peer-reviewed proceedings of satellite
                        workshops of the 12th Indian Conference on Computer Vision,
                        Graphics, and Image Processing (ICVGIP 2021). The book focuses on
                        medical image processing, digital heritage, document analysis and
                        recognition, and computer vision applications. The first part includes
                        submissions on digital archiving and restoration methods with
                        interesting and innovative research components. The second part

focuses on medical imaging modalities including MRI, X-ray, CT, imaging in nuclear medicine, medical ultrasound, optical and confocal microscopy, and video and range data images. The third part deals with document analysis and recognition and focuses on text recognition, document layout analysis, understanding, historical and degraded document analysis, datasets, performance evaluation, metrics, etc. The fourth part of this book includes research work from academia and industry across the globe on smart, innovative, and practical applications of computer vision for industrial and societal impact. This book shares innovative ideas, experience and expertise, and ongoing research ideas and will be helpful for researchers and practitioners in academia and industry.