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Titolo	Handbook on Craniofacial Superimposition [[electronic resource] ] : The MEPROCS Project // by Sergio Damas, Oscar Cordón, Oscar Ibáñez
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ISBN	3-319-11137-X
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XLII, 205 p. 43 illus., 39 illus. in color.)
Disciplina	006.3
Soggetti	Artificial intelligence Medical jurisprudence Computational intelligence Forensic science Health informatics Artificial Intelligence Forensic Medicine Computational Intelligence Forensic Science Health Informatics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction to Craniofacial Superimposition -- Importance of Craniofacial Superimposition in Forensic Identification: Historical Perspective -- Relationships Between the Skull and the Face in the Forensic Realm -- Craniofacial Superimposition Techniques -- Craniofacial Superimposition: The State of the Art -- Ethical and Legal Issues in Craniofacial Superimposition -- Experimental Study of Methodologies, Tools and Criteria -- MEPROCS Craniofacial Superimposition Framework -- MEPROCS Framework Validation -- Conclusions -- Appendices -- References.
Sommario/riassunto	This open access book is the first comprehensive guide to a new soft computing technique which is used in complex forensic cases. The

chapters include detailed technical and practical overviews, and discussions about the latest tools, open problems and ethical and legal issues involved. The book will be of interest to researchers and practitioners in forensic medicine and computational intelligence. The book is closely associated with a successful research initiative, MEPROCS (New Methodologies and Protocols of Forensic Identification by Craniofacial Superimposition). The project collaborators were: S. Damas, O. Ibáñez, M.I. Huete, T. Kahana, C. Wilkinson, E. Ferguson, C. Erolin, P.T. Jayaprakash, R. Jankauskas, F. Cavalli, K. Imaizumi, R. Vicente, D. Navega, E. Cunha, A.H. Ross, E. Veselovskaya, A. Abramov, P. Lestón, F. Molinero, E. Ruiz, F. Navarro, J. Cardoso, F. Viegas, D. Humpire, R. Hardiman, J. Clement, A. Valsecchi, B.R. Campomanes-Alvarez, C. Campomanes-Alvarez, A.S. Çadr, T. Briers, M. Steyn, M. Viniero, D.N. Vieira, and O. Córdón.

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