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Titolo	2nd International Conference on Industrial Applications of Adhesives 2022 : Selected Contributions of IAA 2022 // edited by Lucas F. M. da Silva, Robert D. Adams, Klaus Dilger
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ISBN	3-031-11150-8
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (155 pages)
Collana	Proceedings in Engineering Mechanics, Research, Technology and Education, , 2731-023X
Disciplina	668.3
Soggetti	Mechanical engineering Chemical engineering Mechanics, Applied Solids Chemical structure Mechanical Engineering Chemical Engineering Solid Mechanics Structure And Bonding
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Mechanical and Cost Analysis of the Effect of the Addition of Granite Powder Waste on Selected Properties of Cement-lime Plasters -- Mechanical Performance and Economic Analysis of the Addition of Granite Powder and Fly Ash on the Subsurface Properties of Cementitious Floors Cured Under Different Conditions -- Optimization of Plasma-assisted Surface Treatment for Adhesive Bonding via Artificial Intelligence -- Hyperelastic Behaviour of Adhesives and Its Effect on Bonded Joints: An Exploratory Study -- Evaluating the Influence of Short Fiber Reinforced Thermoplastic Composites Produced by Injection Molding on the Stress Distribution in an Adhesively Bonded Joint Using a Multi-Scale Numerical Modeling Approach.
Sommario/riassunto	This book provides selected papers presented at the 2nd International

Conference on Industrial Applications of Adhesives 2022, held in Carvoeiro, Portugal, 3-4 March 2022. The volume focuses on applications of adhesive bonding in the industry such as automotive, aeronautic, railway, marine, energy, and electronics. A wide range of topics like adhesion assessment between polymers and metals, pressure sensitive adhesives, adhesive bonding process optimization, civil applications, adhesive joints in composite materials and elastic adhesives are covered. The book presents the latest results and innovations in this field, useful for adhesive producers and adhesive users.
