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Autore	Bernard, John
Titolo	Retrospections of the stage / by the late John Bernard..
Pubbl/distr/stampa	London : Henry Colburn and Richard Bentley ..., 1830 (London : printed by Samuel Bentley ..., [1830])
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Livello bibliografico	Monografia
Nota di contenuto	<p>Optimization of shot peening for titanium alloys Ti 10-2-3 in CONDOR project -- Mechanical Investigations on Composite Peened Aluminium -- Influence of wetblast treatment on fatigue strength of magnesium alloy AZ31 -- Process Model for Evaluating the Peen Velocity in Shot Peening Machine -- Experimental study of single shot process: toward a surface state predictive tool -- Microstructural changes in electroplated chromium coating-substrate interfaces induced by shot peening -- Investigation on theoretical analysis of residual stress distribution induced by shot peening in 2397 Aluminum-Lithium alloy. Effect of shakedown on the fatigue limit of ultrasonic shot peened steel -- Fundamentals and applications of cavitation peening comparing with shot peening and laser peening.</p>
Sommario/riassunto	<p>This book presents the proceedings of the first INCASE conference, organised by ARTC at A*STAR, Singapore. It provides a comprehensive review of recent advances in surface enhancement processes and strategies employed to assess their impact on materials properties and performance. As cyber-physical systems are becoming more and more relevant in manufacturing, it focuses on assessing the readiness of current technologies for future transformations, such as Industry 4.0, identifying the opportunities and challenges, and exploring ways to address them. Written by researchers, practising engineering and industry experts, the book bridges the gap between research and manufacturing, promoting technology adoption in industry and innovative ideas to prepare it for the future. .</p>