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Collana	Lecture Notes in Networks and Systems, , 2367-3389 ; ; 534
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Determination of additional braking force for hydraulic cylinder piston -- Modular spindle tooling of the machining center with increased resource -- Optical fiber behavior under inert atmosphere -- Natural vibrations of a turbine blade during milling -- Maintenance of hydraulic components on multifunctional stands -- configuration of SRR-metamaterial based 2*1 array-type RGW antenna with cantilever beam switching technique -- Step, servo and hub motor based hybrid PCB processing and prototyping device design and analysis. .
Sommario/riassunto	This book provides both researchers in the academia, students, and industrial experts the chance to exchange new ideas, build relations, and find virtual partners. It is a scientific event whose proceedings have set a very high standard. ICORSE’s distinctive feature is represented by its breadth of topics: mechatronics, integronics and adaptronics; reliable systems engineering; cyber-physical systems; optics;

theoretical and applied mechanics; robotics; modelling and simulation; smart integrated control systems; computer imaging processing; smart bio-medical and bio-mechatronic systems; MEMS and NEMS; new materials; sensors and transducers; nano-chemistry, physical chemistry of biological systems; micro- and nanotechnology; system optimization; communications, renewable energy and environmental engineering. They all come together to deliver a clear picture of the state of the art reached in these areas so far.