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Nota di contenuto	Design of Micro Products -- Application of a DF?A Methodology to facilitate the assembly of a Micro/Nano Measurement Device -- A DFA Framework for Hybrid Microsystems -- Statistical Assemblies with form Errors — A 2D Example -- A Classification and Coding System for Micro-Assembly -- A Method for Three Dimensional Tolerance Analysis and Synthesis Applied to Complex and Precise Assemblies -- New Designs for Submillimetric Press-Fitting -- Design and Testing of an Ortho-Planar Micro-Valve -- Robust Design of a Lens System of Variable Refraction Power with Respect to the Assembly Process -- Micro-Assembly Processes and Applications -- Product-Process Ontology for Managing Assembly Specific Knowledge Between Product Design and Assembly System Simulation -- Bridging the Gap — from Process Related Documentation to an Integrated Process and Application Knowledge Management in Micro Systems Technology -- Distributed Simulation in Manufacturing Using High Level Architecture -- Adaptive Packaging Solution for a Microlens Array Placed Over a Micro-UV-LED Array -- Solder Bumping — A Flexible Joining Approach for the Precision Assembly of Optoelectrical Systems -- Fluidassem - A New Method of Fluidic-Based Assembly with Surface Tension -- Concepts for Hybrid Micro Assembly Using Hot Melt Joining --

Application of Microstereolithography Technology in Micromanufacturing -- In Situ Microassembly -- Interest of the Inertial Tolerancing Method in the Case of Watch Making Micro Assembly -- Precision Assembly of Active Microsystems with a Size-Adapted Assembly System -- Assembly of Osseous Fragments in Orthopaedic Surgery: The Need for New Standards of Evaluation -- Gripping and Feeding Solutions for Micro-Assembly -- A Critical Review of Releasing Strategies in Microparts Handling -- A Low Cost Coarse/Fine Piezoelectrically Actuated Microgripper with Force Measurement Adapted to Eupass Control Structure -- Development of A Monolithic Shape Memory Alloy Manipulator -- Statically Determined Gripper Construction -- Precision Positioning down to Single Nanometres Based on Micro Harmonic Drive Systems -- Assembly of a Micro Ball-Bearing using a Capillary Gripper and a Microcomponent Feeder -- Pneumatic Contactless Microfeeder, Design Optimisation and Experimental Validation -- Pneumatic Positioning System for Precision Assembly -- Manufacturing of Devices for the Parallel Precision Alignment of Multiple Micro Components -- Towards a Traceable Infrastructure for Low Force Measurements -- When Manufacturing Capability Exceeds Control Capability: The Paradox of High Precision Products, or is it Possible to Assemble Functional Products out of Components we are Unable to Measure? -- Impact Forces Reduction for High-Speed Micro-Assembly -- Development of Micro-Assembly Production Systems -- Strategies and Devices for a Modular Desktop Factory -- A Decision Making Tool for Reconfigurable Assembly Lines — Eupass Project -- Standardised Interface and Construction Kit for Micro-Assembly -- Towards a Publish / Subscribe Control Architecture for Precision Assembly with the Data Distribution Service -- Smart Assembly — Data and Model Driven -- Man-Robot Cooperation — New Technologies and New Solutions -- Integration of Design and Assembly Using Augmented Reality -- Concept for an Industrial Ubiquitous Assembly Robot.

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