DEMONSTRATION OF SIMULATION SOFTWARE INDUSTRIAL PATH SOLUTIONS (IPS)

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ABSTRACT

IPS is a math based software tool for automatic verification of assembly feasibility, design of flexible components, motion planning and optimization of multi-robot stations, and simulation of key surface treatment processes. IPS successfully implements the potential of the virtual world. IPS is developed by Fraunhofer-Chalmers Centre and Fraunhofer ITWM, and distributed by IPS AB and fleXstructures GmbH.