

선반가공 자동화를 위한 공구관리시스템의 개발

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— ABSTRACT —

The efficient and economical use of an FMS presupposes a good capability : flexibility, reliability, maintainability and built-in quality assurance. One subsystem of an FMS, which often increases capability, is the tooling management. The main problems associated with tooling in an FMS are large variety of tools, many setups, insufficient use of presetted tools, tool condition control, tool shortages, errors in tooling data and maintainence. This paper presents a reseach on the development of a system which manages the tool data for the factory using NC turning machines. The tool information concerning each production stages of the industry is studied in the CIM(Computer Integrated Manufacturing) view point.