DESCRIPTION

The *International Journal of Machine Tools and Manufacture* is devoted to advances in scientific understanding of essential mechanics of processes and machines applied to the manufacture of engineering components, mainly in metals, but also in composites, ceramics and other structural/functional materials. It does not deal with large-scale natural organic materials. To this end coverage is given to a range of topics that includes:

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- Performance characteristics of machine tools and machine tool work-piece systems
- Tool design, utilization and failure
- Significant scientific development of existing or new processes and machines
- Approaches to added value through geometrical/microstructural precision
- Micro manufacture

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