

X. Xu, L. Wang, S. T. Newman, *Computer-aided process planning – A critical review of recent developments and future trends* aim to provide an up-to-date review of CAP research works that is based on evaluation of 215 references published in the past 10 years in a number of scientific journals including past reviews of which summaries are provided. Recent CAP research is discussed in different categories like feature-based technologies, knowledge-based systems, artificial neural networks, STEP-compliant CAP and others. The Elsevier Scopus abstract and citation database has been used in the analysis of this work.

A subject especially of interest for the readers of this website is the category of integrated process planning and knowledge representation. Several authors expressed the need for integration of process planning and scheduling and even the entire production system. Integration framework, integrated CAP system (ICAPPS and several tools supporting such integration are identified. The relation of CAP to resources is addressed in the recognised in the ongoing research work through a clustering-based modelling scheme for manufacturing resources-

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