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Manufacturing Feature Recognition
; 3.1 Introduction ; 3.2 Enhanced Attributed Adjacency Graph
3.2.1 Pre-process for generating EAAG
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3.5.1 Results for feature recognition 3.5.2 Result comparisons ; 3.6 Summary ; 4. Integration of Design-by-Feature and Manufacturing Feature Recognition ; 4.1 Introduction ; 4.2 Features and Their Relationships
; 4.2.1 Feature models ; 4.2.2 Interacting relationships between features
4.3 Manufacturing Features Recognition Processor

Sommario/riassunto

With the rapid advances in computing and Internet technologies, an integrated and collaborative environment, which is based on the complementary functions of concurrent engineering and Internet-based collaborative engineering, is imperative for companies to facilitate and expedite the product realization processes. Topics such as concurrent and collaborative engineering, feature-based design and manufacturing, evolutionary computational techniques such as Tabu Search, Simulated Annealing, Genetic Algorithms features, intelligent and computer-aided process planning are important strategies and