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CAD+I Database
An Approach to
an Engineering Database
Version 4.0



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Computer Aided Design Interfaces Data Base (ESPRIT Research Reports - Project 322)

Bernd Patzold

during this ESPRIT study document of a bunch of engineers within the CAD*I venture the potential of utilizing a Computer Aided Design Interfaces Data Base (ESPRIT Research Reports - Project 322) database administration method (DBMS) for machine aided layout (CAD) reasons is analyzed and prerequisites are derived that allow CAD platforms to regulate CAD versions containing expanding quantities of information and increasingly more clever relations. this present day CAD types represent remoted islands of information kept in self sufficient files, and to create and keep kin among items of data saved in different versions (files) in a multi-user surroundings Computer Aided Design Interfaces Data Base (ESPRIT Research Reports - Project 322) is a posh task. At a conceptual level, a relational DBMS linked to the language SQL (ISO standard) is the right software to create and continue such relations. on the implementation level, it's of the top significance to outline the optimal granularity of knowledge to be saved within the database which will get a superb reaction time from any such system.

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