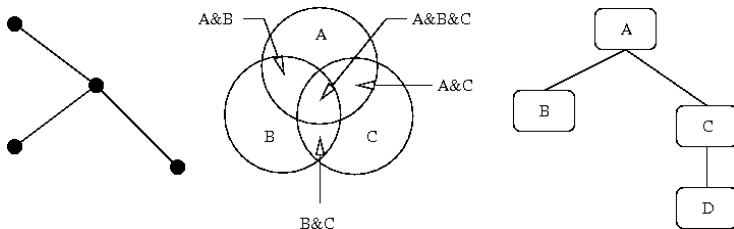


Problem Statement

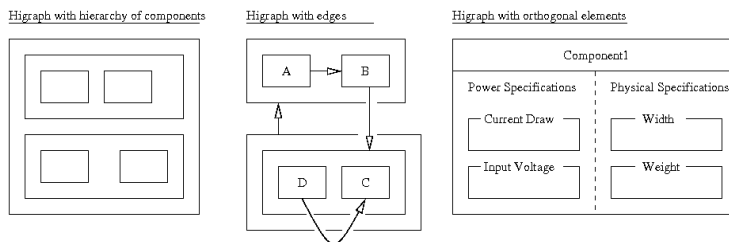
Good system modeling techniques allow for the comprehensive representation, organization, design, and evaluation of a system, from requirements, to structure, behavior, and beyond. If the underlying tools are implemented as islands of automation and are not connected together in a way that allows for flows of data and information among tools, then there is no automated way to create a trace from a requirement, to a component, to a behavior, to a test case.

Definition of Higraphs

A higraph is a mathematical graph extended to include notions of depth and orthogonality.



Visualization of Relationships



System Modeling and Traceability Applications

