inherent difficulty, all traditional algorithms, including the classic AO*, have assumed the implicit AND/OR graph to be acyclic. Acyclity, clearly, is too restrictive an assumption, since every logical equivalence results in a cycle of one step [illegible] graph. Reasoning this,

[illegible]

between these generalized concepts. The concept of a Maximal Extendable Subgraph (MES) is an important new addition.

The dissertation then presents two Best First search algorithms, S1 [illegible] how S1 and S2, in contrast to the previous algorithms, satisfy the Best First criteria.

[illegible] of this dissertation is the [illegible]

[illegible] here should be of interest. It is shown [illegible] nodes evaluated etc.

[illegible]