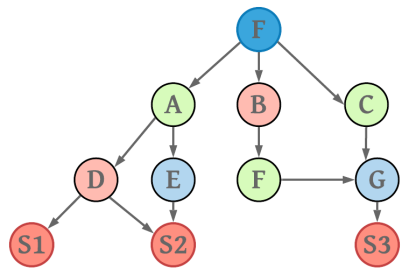
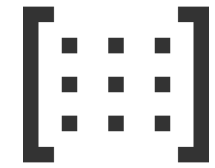
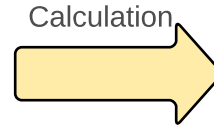


- Adjacency Matrix
- Sink nodes

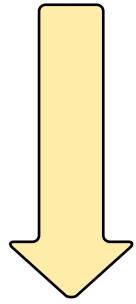


**Communications Graph**

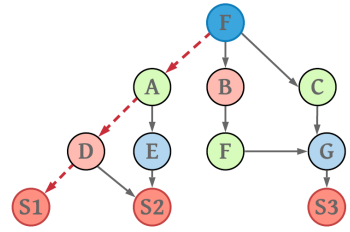
- Directed
- Acyclic
- Maximum Linking Capacity: 1
- Single Source Node



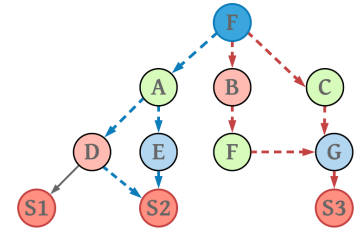
Matrix of Predecessors and Successors



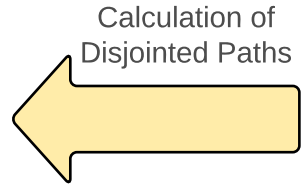
Expansion of Paths



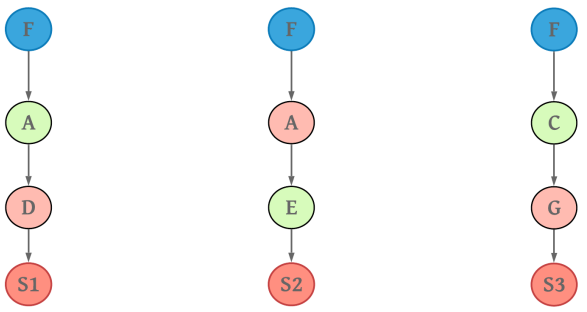
All paths from source node to sink node S1



All paths from source node to sink nodes S2 and S3



Calculation of Disjointed Paths



Maximum flow unisation graphs for each sink node