

## Linear Programming And Network Flows

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Then the tabular form of the linear-programming formulation associated with the network of Fig. 8.1 is as shown in Table 8.2. The first five equations are flow-balance equations at the nodes. They state the conservation-of-flow law, Flow out of a node  $\square$  Flow into a node = Net supply at a node . As examples, at nodes 1 and 2 the balance equations are:

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