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graph theory, a flow network (also known
as a transportation network) is a directed
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each edge receives a flow. The amount of
flow on an edge cannot exceed the
capacity of the edge. Flow network -
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for a variety of network optimization
problems, with applications to
transportation, computer science,
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max-flow problem Each edge e has
capacity $c(e)$ and cost $cost(e)$ You have to
pay $cost(e)$ amount of money per unit flow
flowing through e Problem: find the
maximum flow that has the minimum total
cost A lot harder than the regular max-
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problems involve finding a feasible flow
through a flow network that is maximum..
The maximum flow problem can be seen
as a special case of more complex network
flow problems, such as the circulation
problem. The maximum value of an s - t flow
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to the minimum capacity of an s - t cut (i.e.,
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