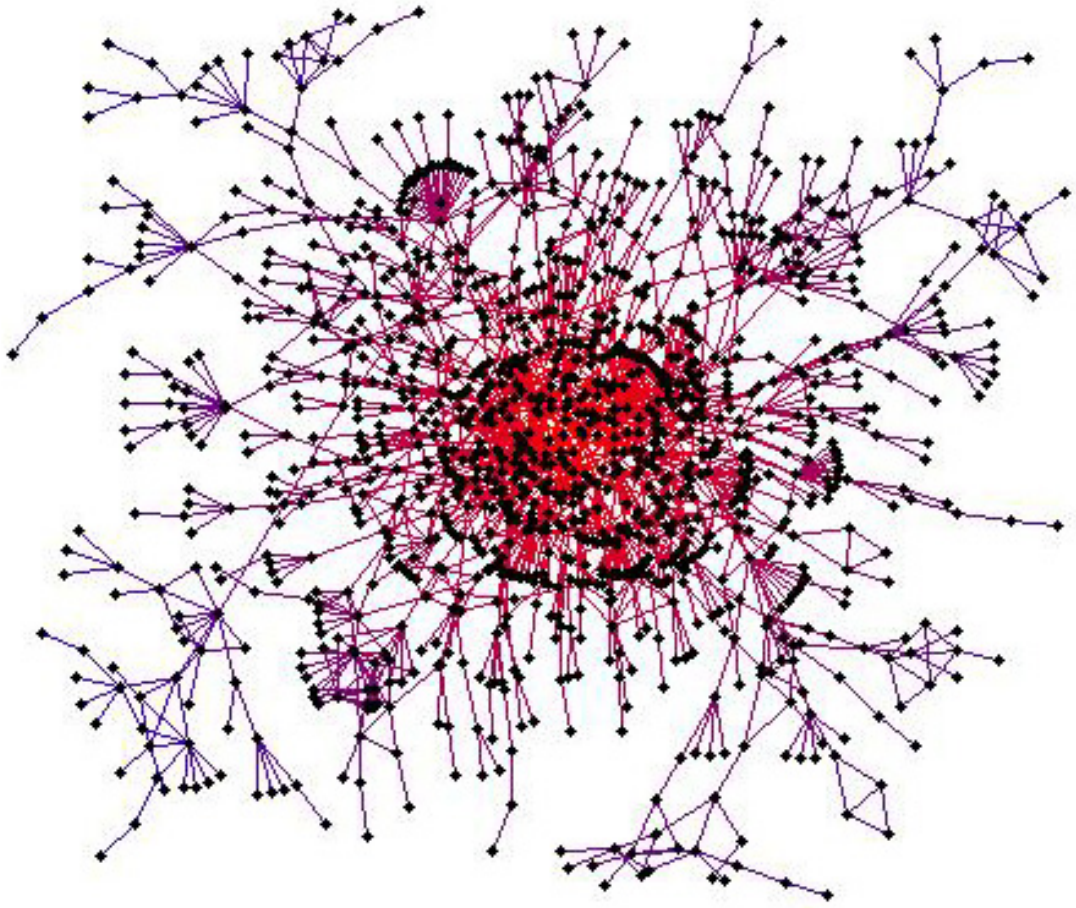
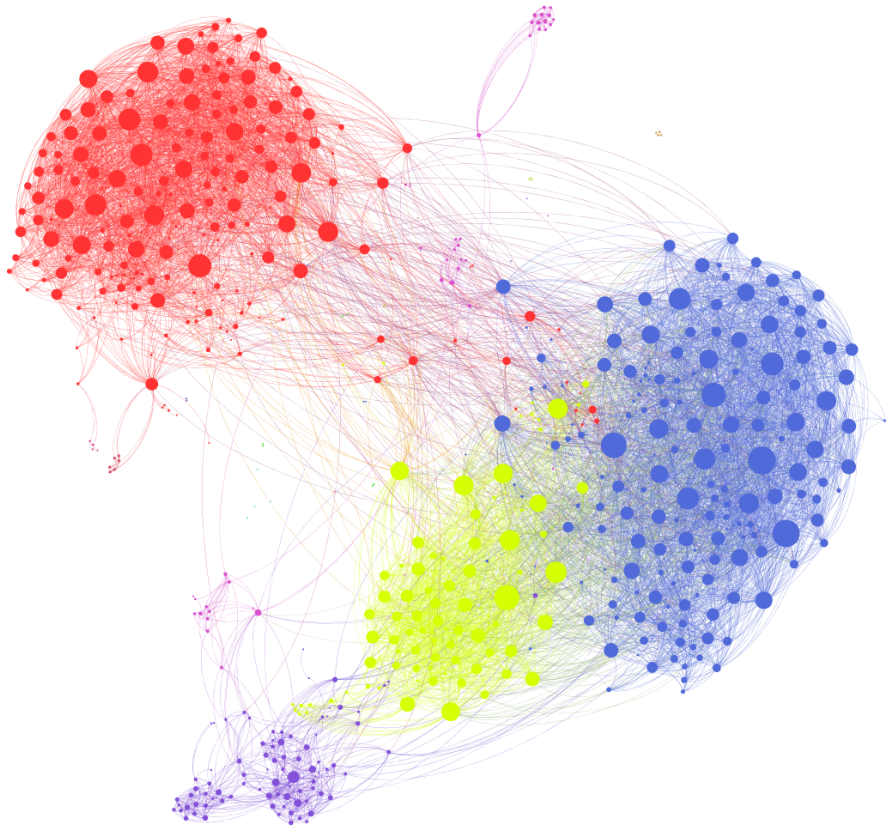
Graph Traversal

Stanford Social Graph
(http://www10.org/program/society/yawyl/YouAreWhatYouLink.htm)



Graph Traversal

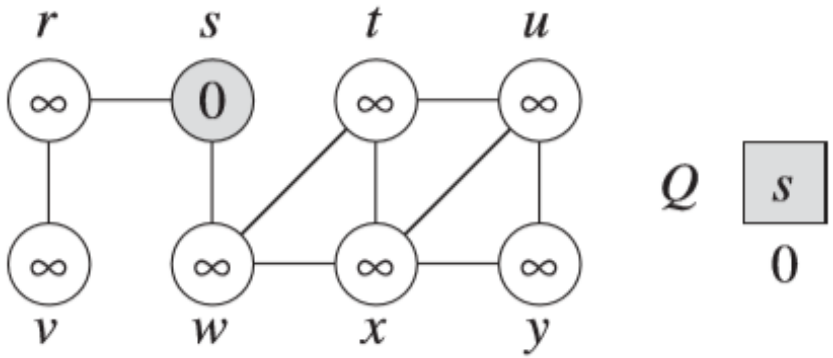
Social Network Graph
(https://griffsgraphs.wordpress.com/2012/07/02/a-facebook-network/)



Applications of Graph Traversal

1. Social networks
2. Web crawling
3. Games (e.g. tic-tac-toe has huge number of possible nodes of states)
4. Research citations
5. ...

Breadth-First Search (BFS)



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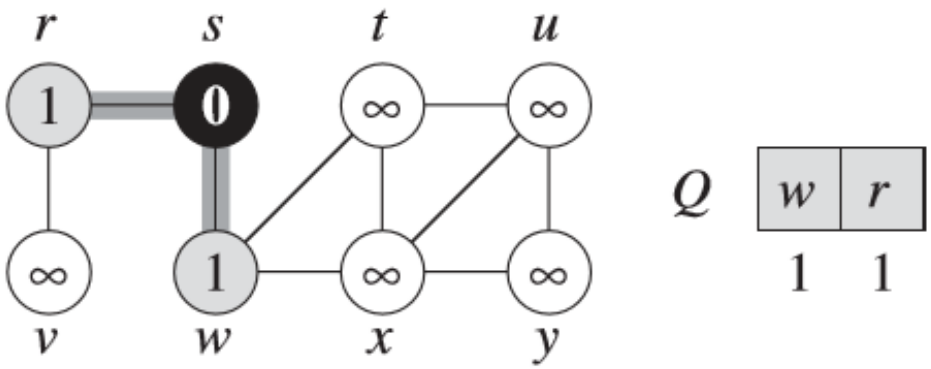

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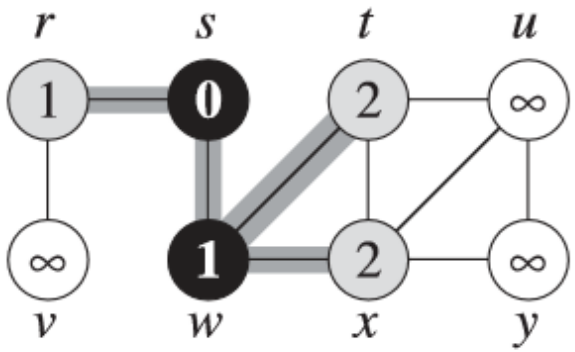

Q

r	t	x
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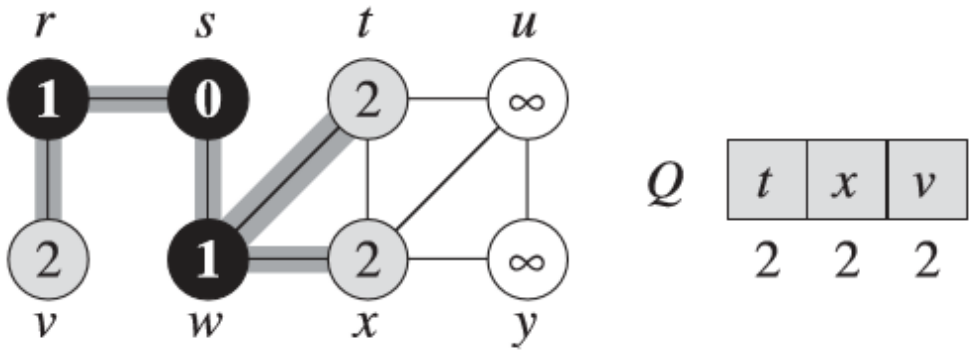

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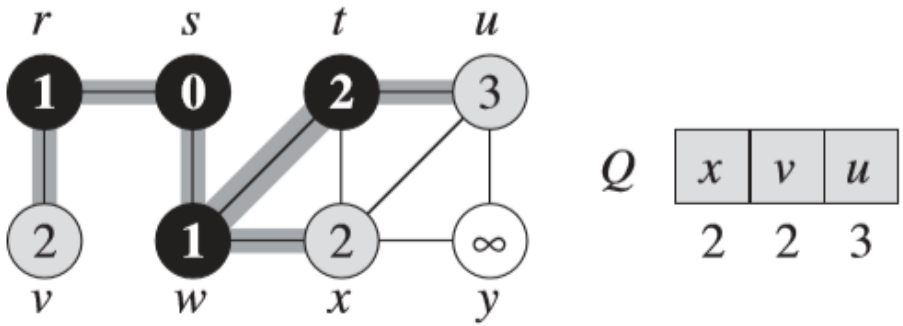

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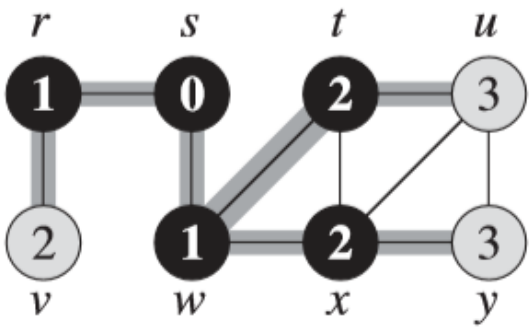

Q | v | u | y

2 3 3

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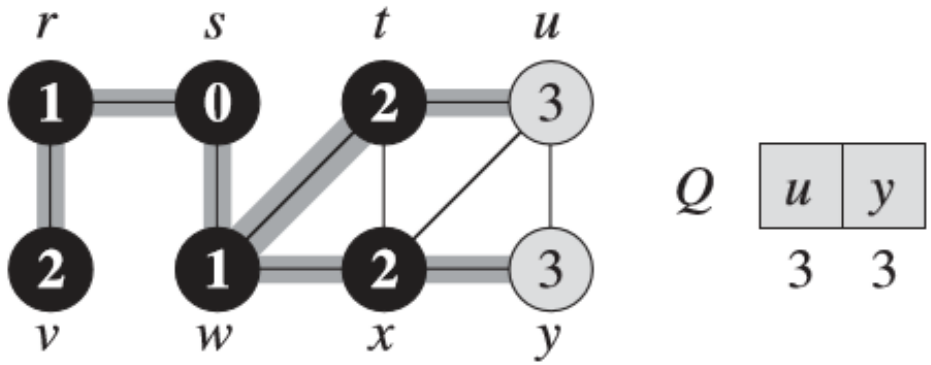

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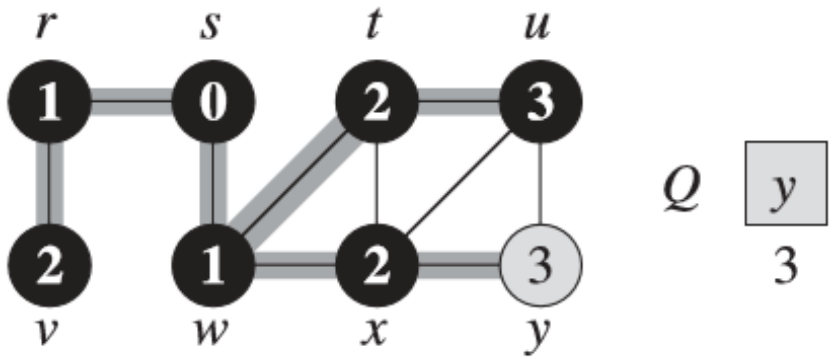

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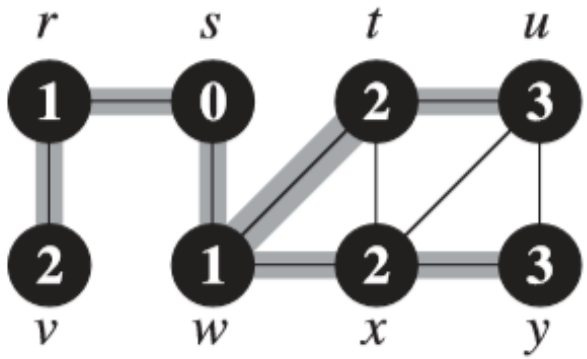

$Q \quad \emptyset$