# Job assignment

* Hungarian method
  + polynomial time bound of O(n(m + n log n))
  + n denotes the number of nodes in the input network and rn denotes the number of edges

Permutation representation (E.g., TSPs, JSPs, SAPs)

google package

<https://developers.google.com/optimization/assignment/linear_assignment>

<http://www.aiinfinance.com/gaweb.pdf>

<https://web.eecs.umich.edu/~pettie/papers/ApproxMWM-JACM.pdf>

<http://www.weiss-gerhard.info/publications/BB10.pdf>

https://homepages.cwi.nl/~lex/files/histco.pdf