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## Notes on Branch and Bound

- Branch and bound is still an exponential search. To make it work well many efficiencies should be made.
  - Eliminate copy of the partial solution F on the recursive call.
  - Maintain cost of partial solution F and its sequence of minimum degrees to make computation of m(F,i) fast.
  - Use up tree for cycle checking.
  - Reduce use of expensive bounding checks when possible.

CSE 589 - Lecture 5 - Spring 1999

- Add more bounding checks

31