

Howework 3 Problem 3
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- a) if H is NOT positive definite, there could be no solution at all. However this is not sufficient condition.
- b) if H is NOT positive definite, there could be no finite solution. However this is not sufficient condition.
- c) there will be a single solution if H is positive definite and C has full rank.
- d) there will be a single solution if H is positive definite and C does not have full rank.