時間複雜度的題目、約久大電子

If A is mxn and B is nxp, how many multiplication operations and how many addition operations are needed to calculate the matrix product AB.

Ans.

作意設 C=AB, Cij = 芒 aikbkj, Yl=i=m, Yl=j=p.

- 三計算Cij 帮们国象法、N-17国加法,YISISM,YISSSP.
- 一)C 共有mpT固元素、因C=AB
 - 引計算出船需mpn個条法,mp(n-1)個加法。