

Homework 4.2

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4.2-1 [[18, 14], [62, 66]]

4.2-2 implement

4.2-3 waiting

4.2-4 waiting

4.2-5 waiting

4.2-6 for $A[kn, n]$ and $B[n, kn]$, there should be a pretreatment to divide A into k small matrix $a[n, n]$, and compute each small matrix $a[n, n] * b[n, n]$
for $A[n, kn]$ and $B[kn, b]$, fill matrix with zero, make them $[kn, kn]$

4.2-7 replace multiply with plus, $ac - bd = (a - b)(c + d) - ad + bc$