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Optional: Nickname: Pin

Source? (trist ne): for the problem I only use your note, with nothing else.

Problem 1 Curitien in yen, since it would be easier to read, although I soll profer penerl, obelocked,

Dethink learning different rules (not suc orbit their nerves) of month's nultiplication, brocket-obstablished (A-CB+C), A(B-C)), matrix addition and how are they different from similar order of aliquebrous multiplication, arbitraction is interesting, to see the oblivence bedreen the two world, world of nature, and the algebrouse world. It helps are also deeper into the world of matrix, and the algebrouse world. It helps are also deeper into the world of matrix, its acceptance, how can one manipulate; if, for corrier calculating give ne more insight into the what restors is, the as the heart of Linear Algebra.

Problem 2

$$A = \begin{bmatrix} 3 & 8 \\ 2 & 5 \end{bmatrix} \qquad B = \begin{bmatrix} -\frac{5}{2} & 4 \\ -1 \end{bmatrix} \qquad C = \begin{bmatrix} -\frac{7}{2} & -\frac{7}{2} \\ 0 & -3 \end{bmatrix} \qquad X = A^{\frac{7}{2}} + 8 \cdot B^{\frac{7}{2}} - C^{\frac{7}{2}}$$

$$A = \begin{bmatrix} -\frac{7}{2} & -\frac{7}{2} \\ -1 & -\frac{7}{2} \end{bmatrix} = \begin{bmatrix} -\frac{5}{2} & 8 \\ 2 & -3 \end{bmatrix} = \begin{bmatrix} -\frac{7}{2} & -\frac{7}{2} \\ 2 & -\frac{7}{2} \end{bmatrix} = \begin{bmatrix} -\frac{7}{2} & -\frac{7}{2} \\ 2 & -\frac{7}{2} \end{bmatrix} = \begin{bmatrix} -\frac{7}{2} & -\frac{7}{2} \\ 2 & -\frac{7}{2} \end{bmatrix} = \begin{bmatrix} -\frac{7}{2} & -\frac{7}{2} \\ 2 & -\frac{7}{2} \end{bmatrix} = \begin{bmatrix} -\frac{7}{2} & -\frac{7}{2} \\ 2 & -\frac{7}{2} \end{bmatrix} = \begin{bmatrix} -\frac{7}{2} & -\frac{7}{2} \\ 2 & -\frac{7}{2} \end{bmatrix} = \begin{bmatrix} -\frac{7}{2} & -\frac{7}{2} \\ 2 & -\frac{7}{2} \end{bmatrix} = \begin{bmatrix} -\frac{7}{2} & -\frac{7}{2} \\ 2 & -\frac{7}{2} \end{bmatrix} = \begin{bmatrix} -\frac{7}{2} & -\frac{7}{2} \\ 2 & -\frac{7}{2} \end{bmatrix} = \begin{bmatrix} -\frac{7}{2} & -\frac{7}{2} \\ 2 & -\frac{7}{2} \end{bmatrix} = \begin{bmatrix} -\frac{7}{2} & -\frac{7}{2} \\ 2 & -\frac{7}{2} \end{bmatrix} = \begin{bmatrix} -\frac{7}{2} & -\frac{7}{2} \\ 2 & -\frac{7}{2} \end{bmatrix} = \begin{bmatrix} -\frac{7}{2} & -\frac{7}{2} \\ 2 & -\frac{7}{2} \end{bmatrix} = \begin{bmatrix} -\frac{7}{2} & -\frac{7}{2} \\ 2 & -\frac{7}{2} \end{bmatrix} = \begin{bmatrix} -\frac{7}{2} & -\frac{7}{2} \\ 2 & -\frac{7}{2} \end{bmatrix} = \begin{bmatrix} -\frac{7}{2} & -\frac{7}{2} \\ 2 & -\frac{7}{2} \end{bmatrix} = \begin{bmatrix} -\frac{7}{2} & -\frac{7}{2} \\ 2 & -\frac{7}{2} \end{bmatrix} = \begin{bmatrix} -\frac{7}{2} & -\frac{7}{2} \\ 2 & -\frac{7}{2} \end{bmatrix} = \begin{bmatrix} -\frac{7}{2} & -\frac{7}{2} \\ 2 & -\frac{7}{2} \end{bmatrix} = \begin{bmatrix} -\frac{7}{2} & -\frac{7}{2} \\ 2 & -\frac{7}{2} \end{bmatrix} = \begin{bmatrix} -\frac{7}{2} & -\frac{7}{2} \\ 2 & -\frac{7}{2} \end{bmatrix} = \begin{bmatrix} -\frac{7}{2} & -\frac{7}{2} \\ 2 & -\frac{7}{2} \end{bmatrix} = \begin{bmatrix} -\frac{7}{2} & -\frac{7}{2} \\ 2 & -\frac{7}{2} \end{bmatrix} = \begin{bmatrix} -\frac{7}{2} & -\frac{7}{2} \\ 2 & -\frac{7}{2} \end{bmatrix} = \begin{bmatrix} -\frac{7}{2} & -\frac{7}{2} \\ 2 & -\frac{7}{2} \end{bmatrix} = \begin{bmatrix} -\frac{7}{2} & -\frac{7}{2} \\ 2 & -\frac{7}{2} \end{bmatrix} = \begin{bmatrix} -\frac{7}{2} & -\frac{7}{2} \\ 2 & -\frac{7}{2} \end{bmatrix} = \begin{bmatrix} -\frac{7}{2} & -\frac{7}{2} \\ 2 & -\frac{7}{2} \end{bmatrix} = \begin{bmatrix} -\frac{7}{2} & -\frac{7}{2} \\ 2 & -\frac{7}{2} \end{bmatrix} = \begin{bmatrix} -\frac{7}{2} & -\frac{7}{2} \\ 2 & -\frac{7}{2} \end{bmatrix} = \begin{bmatrix} -\frac{7}{2} & -\frac{7}{2} \\ 2 & -\frac{7}{2} \end{bmatrix} = \begin{bmatrix} -\frac{7}{2} & -\frac{7}{2} \\ 2 & -\frac{7}{2} \end{bmatrix} = \begin{bmatrix} -\frac{7}{2} & -\frac{7}{2} \\ 2 & -\frac{7}{2} \end{bmatrix} = \begin{bmatrix} -\frac{7}{2} & -\frac{7}{2} \\ 2 & -\frac{7}{2} \end{bmatrix} = \begin{bmatrix} -\frac{7}{2} & -\frac{7}{2} \\ 2 & -\frac{7}{2} \end{bmatrix} = \begin{bmatrix} -\frac{7}{2} & -\frac{7}{2} \\ 2 & -\frac{7}{2} \end{bmatrix} = \begin{bmatrix} -\frac{7}{2} & -\frac{7}{2} \\ 2 & -\frac{7}{2} \end{bmatrix} = \begin{bmatrix} -\frac{7}{2} & -\frac{7}{2} \\ 2 & -\frac{7}{2} \end{bmatrix} = \begin{bmatrix} -\frac{7}{2} & -\frac{7}{2} \\ 2 & -\frac{7}{2} \end{bmatrix} = \begin{bmatrix} -\frac{7}{2} & -\frac{7}{2} \\ 2 & -\frac{7}{2} \end{bmatrix} = \begin{bmatrix} -\frac{7}{2} & -\frac{7}{2} \\ 2 & -\frac{7}{2} \end{bmatrix} = \begin{bmatrix} -\frac{7}{2} & -\frac{7}{2} \\ 2 & -\frac{7}{2} \end{bmatrix} = \begin{bmatrix} -\frac{7}{2} & -\frac{7}{2} \\ 2 & -\frac{7}{2} \end{bmatrix} = \begin{bmatrix} -\frac{7}{2} & -\frac{7}{2} \\ 2 & -\frac{7}{2} \end{bmatrix} = \begin{bmatrix} -\frac{7}{2} & -\frac{7}{2} \\ 2$$

Roblem 3

commode

A.B=B.A when A and B are one restrices.
MN = ND can be contributed, and armute

$$MN = \begin{bmatrix} 10 \times \\ 010 \end{bmatrix} \begin{bmatrix} 180 \\ -110 \end{bmatrix} = \begin{bmatrix} 18486 \times \\ -11 & 0 \\ -104 \end{bmatrix} \begin{bmatrix} 100 \\ 021 \end{bmatrix} = \begin{bmatrix} 18884 \\ -11 & 0 \\ -18484 \end{bmatrix}$$

$$NM = \begin{bmatrix} 180 \\ -110 \end{bmatrix} \begin{bmatrix} 100 \\ 010 \end{bmatrix} = \begin{bmatrix} 18 \times \\ -11 & -8 \\ -12 & 4 \end{bmatrix}$$

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