

Matrix Chain Activity

New Attempt

Due No Due Date **Points** 0 **Submitting** a file upload **File Types** pdf, zip, and z
Available after Oct 17, 2022 at 12a.m.

Implement a function that returns the minimum number of **scalar multiplications** needed to compute the multiplication of n Matrices $A_1 * A_2 * \dots A_n$. The function takes the matrices' dimensions as an array.

Use the function to return the minimum number of scalar multiplications of the following matrices $A_1 * A_2 * A_3 * A_4$:

A_1 = [3 by 7],

A_2 = [7 by 4],

A_3 = [4 by 5],

A_4 = [5 by 2]

Send the function code and the answer as a PDF file