

Space & valable, finding the Sum of two Matrices Add (AIBIN) (120; 12m; 1+1 whatever 9 nside a for loop runs ctij]=A & Homes time Complexity of f(n)

Space Complexity
Space Complexity & variables are us -d'in code.
(A, B, C, D, 1)
they are matrices
they are two of mentional 20 own
$A = n^2$ $m = 1$
$D = n^2  \hat{s} = 1$
$C = n^2$ $9 = 1$
(n. i) - they are Scalar valables
(m,i,i) -> they are scalar variables, simple variables
B(EM2A) PhA conding lA
C sn
(1) (1) (1) (1) (1) (1) (1) (1)
J = 1
Spacefuncto S(n) = Bn+3) - degree for
COM COM
(Space) complexity for the
code es
Tame = O(n2)
Space = O(m2)
Swalf Hurchard & Call FALMON sau

Algorithm multiply (AB,n (1=0; 1cm; 9++) -> m+1 for (300; 92m; 37+), m4(m1) C[iij] = O; nan for (K=0; Kcn; K+) -> nxx C[i,j]=c[i,j]+A[i,j]\* B(C, 1); りまりより -IMB Time Complexity Complexity? NA N yairelles T/c = 0(m3) かまかまか S/C= 0(n2) O(n2)spre 327+4