Algorithm 1 Square Matrix Multiplication

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1: function MM(A, B, C, n)
2:     sum ← 0
3:     for i = 0, 1, 2 . . . , n − 1 do
4:         for j = 0, 1, 2 . . . , n − 1 do
5:             sum ← 0
6:             for k = 0, 1, 2 . . . , n − 1 do
7:                 sum ← sum + A[i][k] · B[k][j]
8:             C[i][j] ← sum
```