P-Matrix-Multiply(A, B, C, n)

1 **parallel for** $i = 1$ **to** n **//** compute entries in each of n rows
2   **parallel for** $j = 1$ **to** n **//** compute n entries in row i
3   **for** $k = 1$ **to** n
4              $c_{ij} = c_{ij} + a_{ik} \cdot b_{kj}$ **//** add in another term of equation (4.1)