

# Algorithm: $C := \text{GEBP}(A, B, C)$



Load  $A$  into cache ( $m_c k_c$  memops)

**for**  $j = 0, \dots, N - 1$

    Load  $B_j$  into cache ( $k_c n_r$  memops)

    Load  $C_j$  into cache ( $m_c n_r$  memops)

$\boxed{\phantom{00}} +: = \boxed{\phantom{00}} \boxed{\phantom{00}}$  ( $C_j := AB_j + C_j$ )

    Store  $C_j$  into memory ( $m_c n_r$  memops)

**endfor**