	Blocked matrix-matrix multiplication

for $i := 0, \ldots, m-1$
  for $j := 0, \ldots, n-1$
    for $p := 0, \ldots, k-1$
      $\gamma_{i,j} := \alpha_{i,p}\beta_{p,j} + \gamma_{i,j}$
    end
  end
end
$\left.\right\} \; \tilde{c}_i^T := \tilde{a}_i^T B + \tilde{c}_i^T$
	$m_b = \square$, $n_b = \square$, and $k_b = \square$:
	$\left(\begin{array}{c} \tilde{c}_0^T \\ \hline \vdots \\ \hline \tilde{c}_{m-1}^T \end{array} \right) +:= \left(\begin{array}{c} \tilde{a}_0^T \\ \hline \vdots \\ \hline \tilde{a}_{m-1}^T \end{array} \right) B$

for $i := 0, \ldots, m-1$
  for $p := 0, \ldots, k-1$
    for $j := 0, \ldots, n-1$
      $\gamma_{i,j} := \alpha_{i,p}\beta_{p,j} + \gamma_{i,j}$
    end
  end
end
$\left.\right\} \; \tilde{c}_i^T := \tilde{a}_i^T B + \tilde{c}_i^T$
	$m_b = \square$, $n_b = \square$, and $k_b = \square$:
	$\left(\begin{array}{c} \tilde{c}_0^T \\ \hline \vdots \\ \hline \tilde{c}_{m-1}^T \end{array} \right) +:= \left(\begin{array}{c} \tilde{a}_0^T \\ \hline \vdots \\ \hline \tilde{a}_{m-1}^T \end{array} \right) B$

for $j := 0, \ldots, n-1$
  for $i := 0, \ldots, m-1$
    for $p := 0, \ldots, k-1$
      $\gamma_{i,j} := \alpha_{i,p}\beta_{p,j} + \gamma_{i,j}$
    end
  end
end
$\left.\right\} \; c_j := A b_j + c_j$
	$m_b = \square$, $n_b = \square$, and $k_b = \square$:
	$\left(\begin{array}{c\|c\|c} c_0 & \cdots & c_{n-1} \end{array} \right) +:= A \left(\begin{array}{c\|c\|c} b_0 & \cdots & b_{n-1} \end{array} \right)$

for $j := 0, \ldots, n-1$
  for $p := 0, \ldots, k-1$
    for $i := 0, \ldots, m-1$
      $\gamma_{i,j} := \alpha_{i,p}\beta_{p,j} + \gamma_{i,j}$
    end
  end
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$\left.\right\} \; c_j := A b_j + c_j$
	$m_b = \square$, $n_b = \square$, and $k_b = \square$:
	$\left(\begin{array}{c\|c\|c} c_0 & \cdots & c_{n-1} \end{array} \right) +:= A \left(\begin{array}{c\|c\|c} b_0 & \cdots & b_{n-1} \end{array} \right)$

for $p := 0, \ldots, k-1$
  for $i := 0, \ldots, m-1$
    for $j := 0, \ldots, n-1$
      $\gamma_{i,j} := \alpha_{i,p}\beta_{p,j} + \gamma_{i,j}$
    end
  end
end
$\left.\right\} \; C := C + a_p \tilde{b}_p^T$
	$m_b = \square$, $n_b = \square$, and $k_b = \square$:
	$C +:= \left(\begin{array}{c\|c\|c} a_0 & \cdots & a_{k-1} \end{array} \right) \left(\begin{array}{c} \tilde{b}_0^T \\ \hline \vdots \\ \hline \tilde{b}_{k-1}^T \end{array} \right)$

for $p := 0, \ldots, k-1$
  for $j := 0, \ldots, n-1$
    for $i := 0, \ldots, m-1$
      $\gamma_{i,j} := \alpha_{i,p}\beta_{p,j} + \gamma_{i,j}$
    end
  end
end
$\left.\right\} \; C := C + a_p \tilde{b}_p^T$
	$m_b = \square$, $n_b = \square$, and $k_b = \square$:
	$C +:= \left(\begin{array}{c\|c\|c} a_0 & \cdots & a_{k-1} \end{array} \right) \left(\begin{array}{c} \tilde{b}_0^T \\ \hline \vdots \\ \hline \tilde{b}_{k-1}^T \end{array} \right)$