co [i = 0 to n-1] {  # compute rows in parallel
    for [j = 0 to n-1] {
        c[i, j] = 0.0;
        for [k = 0 to n-1]
            c[i, j] = c[i, j] + a[i, k]*b[k, j];
    }
}

Parallel Matrix Multiplication by Rows

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