```
co [i = 0 to n-1, j = 0 to n-1] { # all rows and
  c[i,j] = 0.0;                   # all columns
  for [k = 0 to n-1]
    c[i,j] = c[i,j] + a[i,k]*b[k,j];
}
```

Parallel Matrix Multiplication by Rows and Columns