

```
int nextRow = 0; # the bag of tasks
double a[n,n], b[n,n], c[n,n];

process Worker[w = 1 to P] {
  int row;
  double sum; # for inner products
  while (true) {
    # get a task
    < row = nextRow; nextRow++; >
    if (row >= n)
      break;
    compute inner products for c[row,*];
  }
}
```

**Figure 3.20** Matrix multiplication using a bag of tasks.

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