```
1 memset(A, 0, A1_size * A2_size * sizeof(double));
  2 memset(w, 0, w1_size * sizeof(double));
  3 for (int pB1 = B1_pos[0]; pB1 < B1_pos[1]; pB1++) {
      int i = B1_crd[pB1];
      for (int pB2 = B2_pos[pB1]; pB2 < B2_pos[pB1+1]; pB2++) {
        int k = B2_{crd}[pB2]:
        for (int pB3 = B3_pos[pB2]; pB3 < B3_pos[pB2+1]; pB3++) {</pre>
          int 1 = B3_crd[pB3];
  8
          for (int j = 0; j < n; j++) {
            int pC2 = (1 * C2_{size}) + j;
 10
- 11
          int pD2 = (k * D2\_size) + j;
- 12
            int pA2 = (i * A2\_size) + j;
           A[pA2] += B[pB3] * C[pC2] * D[pD2];
- 13
            w[j] += B[pB3] * C[pC2];
+ 14
 15
 16
 17
        for (int j = 0; j < n; j++) {
+ 18
+ 19
       int pD2 = (k * D2\_size) + j;
          int pA2 = (i * A2\_size) + j;
+ 20
+ 21
          A[pA2] += w[i] * D[pD2]:
         w[j] = 0.0;
+ 22
+ 23
 24
 25 }
```