

```
double a[N0][N1][N2];
double b[N0][N1][N2];
for (int i=0; i<N0; ++i) {
    for (int j=0; j<N1; ++j) {
        for (int k=0; k<N2; ++k) {
            a(i,j,k) = some_function(b(i,j,k));
        }
    }
}
```

⇒

```
Kokkos::View<double [N0][N1][N2]> a("a");
Kokkos::View<double [N0][N1][N2]> b("b");
Kokkos::parallel_for (
    Kokkos::RangePolicy<ExecSpace>(0,N0*N1*N2),
    [=](int idx) {
        int i = idx / (N1*N2);
        int j = idx / N2, k = idx % N2;
        a(i,j,k) = some_function(b(i,j,k));
    });
```