```
do iters = 1, MAXITERS
  new(2:n-1, 2:n-1) =
      ( grid(1:n-2,2:n-1) + grid(3:n,2:n-1) +
        grid(2:n-1,1:n-2) + grid(2:n-1,3:n) ) / 4
  grid = new
end do
```

```
grid(2:n-1, 2:n-1) =
     ( grid(1:n-2,2:n-1) + grid(3:n,2:n-1) +
       grid(2:n-1,1:n-2) + grid(2:n-1,3:n) ) / 4
```

```
!HPF$ PROCESSORS pr(8)
!HPF$ ALIGN position (:) WITH force (:)
!HPF$ DISTRIBUTE position(CYCLIC) ONTO pr
```

```
FORALL (i=2:n-1, j=2:n-1)
  new(i,j) = (grid(i-1,j) + grid(i+1,j) +
              grid(i,j-1) + grid(i,j+1)) / 4
```

```
!HPF$ INDEPENDENT
      do i = 1,n
        A(Index(i)) = B(i)
      end
```

Examples of High-Performance Fortran (HPF) constructs.