The pseudo-code

```
exchange2d_mpi(u,im,jm)
exchange2d_mpi(v,im,jm)
exchange2d_mpi(D,im,jm)
```

§ 2) The code constructed by operators

```
elf = elb - 2*dt*(DXF(AXB(D)*U) + DYF(AYB(D)*V))
```

§ 1) 2D continuous equation

```
\eta_{t+1} = \eta_{t-1} - 2*dt*(\delta^x(D^x_b*U) + \delta^y(D^y_b*V))
```

§ 3) The code constructed by operators

```
elf(i,j) = elb(i,j) - 2*dt*(
& ((D(i+1,j)+D(i,j))/2*u(i+1,j)-(D(i,j)+D(i-1,j))/2*u(i,j))/dx(i,j) +
& ((D(i,j+1)+D(i,j))/2*v(i+1,j)-(D(i,j)+D(i,j-1))/2*v(i,j))/dy(i,j))
```