

$$U_{i-1,j+1}$$

$$U_{i,j+1}$$

$$U_{i+1,j+1}$$

$$G_{i,j}$$

$$G_{i+1,j}$$

$$U_{i,j}^L$$

$$U_{i-1,j}$$

$$F_{i-1,j}$$

$$U_{i,j}$$

$$F_{i,j}$$

$$U_{i+1,j}$$

$$U_{i,j}^R$$

$$G_{i,j-1}$$

$$G_{i+1,j-1}$$

$$U_{i-1,j-1}$$

$$U_{i,j-1}$$

$$U_{i+1,j-1}$$