$$\frac{4u_{i,5} = -\frac{4u_{i,5}}{h^2} + \frac{u_{i,5-1} + u_{i-1,5} + u_{i,5+1} + u_{i,5+1}}{h^2}$$

$$\frac{\partial \mathcal{L}}{\partial x} \frac{\partial \mathcal{W}}{\partial y} = \left[\frac{\mathcal{U}_{i+1,i} - \mathcal{U}_{i-1,i}}{2h} \right] \left[\frac{\mathcal{U}_{i,i+1} - \mathcal{U}_{i,i-1}}{2h} \right]$$

$$\frac{\sqrt{\frac{1}{h^{2}}} \left[\frac{4 \mu_{i,5} + \mu_{i+1,5} + \mu_{i-1,5} + \mu_{i,5+2} + \mu_{i,5-2}}{h^{2}} \right] - \frac{\left[\frac{(\mu_{i,5+1} - \mu_{i,5-1})(\omega_{i+1,5} - \mu_{i+1,5})}{4 h^{2}} \right] - \frac{\left[\frac{(\mu_{i,5+1} - \mu_{i,5-1})(\omega_{i,5+1} - \mu_{i,5-1})}{4 h^{2}} \right] - \frac{\left[\frac{(\mu_{i,5+1} - \mu_{i,5-1})(\omega_{i,5+1} - \mu_{i,5-1})}{4 h^{2}} \right] - \frac{\left[\frac{(\mu_{i,5+1} - \mu_{i,5-1})(\omega_{i,5+1} - \mu_{i,5-1})}{4 h^{2}} \right] - \frac{\left[\frac{(\mu_{i,5+1} - \mu_{i,5-1})(\omega_{i,5+1} - \mu_{i,5-1})}{4 h^{2}} \right] - \frac{\left[\frac{(\mu_{i,5+1} - \mu_{i,5-1})(\omega_{i,5+1} - \mu_{i,5-1})}{4 h^{2}} \right] - \frac{\left[\frac{(\mu_{i,5+1} - \mu_{i,5-1})(\omega_{i,5+1} - \mu_{i,5-1})}{4 h^{2}} \right] - \frac{\left[\frac{(\mu_{i,5+1} - \mu_{i,5-1})(\omega_{i,5+1} - \mu_{i,5-1})}{4 h^{2}} \right] - \frac{\left[\frac{(\mu_{i,5+1} - \mu_{i,5-1})(\omega_{i,5+1} - \mu_{i,5-1})}{4 h^{2}} \right] - \frac{\left[\frac{(\mu_{i,5+1} - \mu_{i,5-1})(\omega_{i,5+1} - \mu_{i,5-1})}{4 h^{2}} \right] - \frac{\left[\frac{(\mu_{i,5+1} - \mu_{i,5-1})(\omega_{i,5+1} - \mu_{i,5-1})}{4 h^{2}} \right] - \frac{\left[\frac{(\mu_{i,5+1} - \mu_{i,5-1})(\omega_{i,5+1} - \mu_{i,5-1})}{4 h^{2}} \right] - \frac{\left[\frac{(\mu_{i,5+1} - \mu_{i,5-1})(\omega_{i,5+1} - \mu_{i,5-1})}{4 h^{2}} \right] - \frac{\left[\frac{(\mu_{i,5+1} - \mu_{i,5-1})(\omega_{i,5+1} - \mu_{i,5-1})}{4 h^{2}} \right] - \frac{\left[\frac{(\mu_{i,5+1} - \mu_{i,5-1})(\omega_{i,5+1} - \mu_{i,5-1})}{4 h^{2}} \right] - \frac{\left[\frac{(\mu_{i,5+1} - \mu_{i,5-1})(\omega_{i,5+1} - \mu_{i,5-1})}{4 h^{2}} \right] - \frac{\left[\frac{(\mu_{i,5+1} - \mu_{i,5-1})(\omega_{i,5+1} - \mu_{i,5-1})}{4 h^{2}} \right] - \frac{\left[\frac{(\mu_{i,5+1} - \mu_{i,5-1})(\omega_{i,5+1} - \mu_{i,5-1})}{4 h^{2}} \right] - \frac{\left[\frac{(\mu_{i,5+1} - \mu_{i,5-1})(\omega_{i,5+1} - \mu_{i,5-1})}{4 h^{2}} \right] - \frac{\left[\frac{(\mu_{i,5+1} - \mu_{i,5-1})(\omega_{i,5+1} - \mu_{i,5-1})}{4 h^{2}} \right] - \frac{\left[\frac{(\mu_{i,5+1} - \mu_{i,5-1})(\omega_{i,5+1} - \mu_{i,5-1})}{4 h^{2}} \right] - \frac{\left[\frac{(\mu_{i,5+1} - \mu_{i,5-1})(\omega_{i,5+1} - \mu_{i,5-1})}{4 h^{2}} \right] - \frac{(\mu_{i,5+1} - \mu_{i,5-1})(\omega_{i,5+1} - \mu_{i,5-1})}{4 h^{2}}$$

Despesando en la Primera

Despejando Para la Segunda

$$W_{i,j} = \mathbb{R} \left[(w_{i+1,j} + w_{i-1,j} + w_{i,j+1} + w_{i,j+1}) - [u_{i,j+1} - u_{i,j+1}](w_{i+1,j} - w_{i+1,j}) \right]$$

mostrando as: las expresiones iniciales