

$$\left[-k \cdot \frac{\partial \theta}{\partial x} \cdot dy + p.c.v \left(\theta + \frac{1}{2} \frac{\partial \theta}{\partial y} \cdot dy \right) \cdot dy + \left\{ -k \cdot \frac{\partial \theta}{\partial y} \cdot dx \right\} \right] - \left[-k \cdot \frac{\partial}{\partial x} \left(\theta + \frac{\partial \theta}{\partial x} \cdot dx \right) \cdot dy + p.c.v \left(\theta + \frac{\partial \theta}{\partial x} \cdot dx + \frac{1}{2} \cdot \frac{\partial \theta}{\partial y} \cdot dy \right) \cdot dy + \right.$$

$$\left. \left\{ -k \cdot \frac{\partial}{\partial y} \left(\theta + \frac{\partial \theta}{\partial y} \cdot dy \right) \cdot dx \right\} \right]$$

$$= -k \cdot \frac{\partial \theta}{\partial x} \cdot dy + p.c.v \cdot \theta \cdot dy + \frac{p.c.v}{2} \cdot \frac{\partial \theta}{\partial y} \cdot dy \cdot dy - k \cdot \frac{\partial \theta}{\partial y} \cdot dx + k \cdot \frac{\partial \theta}{\partial x} \cdot dy + k \frac{\partial^2 \theta}{\partial x^2} \cdot dx \cdot dy$$

$$- p.c.v \cdot \theta \cdot dy - p.c.v \cdot \frac{\partial \theta}{\partial x} \cdot dx \cdot dy - p.c.v \cdot \frac{1}{2} \cdot \frac{\partial \theta}{\partial y} \cdot dy \cdot dy + k \cdot \frac{\partial \theta}{\partial y} \cdot dx + k \cdot \frac{\partial^2 \theta}{\partial y^2} \cdot dx \cdot dy = 0$$

$$k \cdot \frac{\partial^2 \theta}{\partial y^2} \cdot dy \cdot dx + k \cdot \frac{\partial^2 \theta}{\partial x^2} \cdot dx \cdot dy - p.c.v \cdot \frac{\partial \theta}{\partial x} \cdot dx \cdot dy = 0$$