$$\sigma_{yy} + \frac{\partial \sigma_{yy}}{\partial y} dy$$

$$\tau_{xy} + \frac{\partial \tau_{xy}}{\partial y} dy$$

$$\tau_{xy} + \frac{\partial \tau_{xy}}{\partial x} dx$$

$$\tau_{xy} + \frac{\partial \sigma_{xx}}{\partial x} dx$$

$$\tau_{xy} + \frac{\partial \sigma_{xx}}{\partial x} dx$$