$$\Gamma_{N} \qquad (800, 800)$$

$$-\operatorname{div}(\nabla P) = 0$$

$$\Gamma_{D} \qquad \Gamma_{D}$$

$$(0,0) \qquad \Gamma_{D} \qquad \Gamma_{D} : P = 0$$

$$x \qquad \Gamma_{N} : \frac{\partial P}{\partial y} = \frac{1}{10} \sin\left(\frac{\pi x}{800}\right)$$