Ex 8-3 p 246

The Wich that provides the imple occurs on the vigin.

$$V_{ix} = -|\vec{V}_i|$$

$$V_{iy} = 0$$

$$V_{fx} = |\vec{V}_{f}| \cos \theta$$

VA, = [V, 1 350 0

O) tx

pemv .

$$|\bar{J}(=\sqrt{J_{x}^{2}+J_{y}^{2}})|^{2} + (4.5 \text{ kg} - 5^{-1})^{2}$$

$$= |8.56 \text{ kg ms}^{-1}|$$

$$= |8.56 \text{ kg ms}^{-1}|$$

$$= |8.56 \text{ kg ms}^{-1}|$$

$$= |8.5 \text{ kg} - 5^{-1}|$$

$$= |9.5 \text{ kg} - 5^{-1}|$$

$$=$$