2.2 Laplace Equation in two dimensions - Numercal

$$V_{6} = 80$$

$$V_{6} = 80$$

$$V_{7} = 80$$

$$V_{8} = 80$$

$$V_{1} = 80$$

$$V_{1} = 80$$

$$V_{2} = 80$$

$$V_{1} = 80$$

$$V_{2} = 80$$

$$V_{3} = 80$$

$$V_{4} = 80$$

$$V_{5} = 80$$

$$V_{1} = 80$$

$$V_{1} = 80$$

$$V_{1} = 80$$

$$V_{2} = 80$$

$$V_{3} = 80$$

$$V_{1} = 80$$

$$V_{1} = 80$$

$$V_{2} = 80$$

$$V_{3} = 80$$

$$V_{1} = 80$$

$$V_{2} = 80$$

$$V_{3} = 80$$

$$V_{1} = 80$$

$$V_{2} = 80$$

$$V_{3} = 80$$

$$V_{4} = 80$$

$$V_{5} = 80$$

$$V_{6} = 80$$

$$V_{7} = 80$$

$$V_{8} = 80$$

$$V_{$$

 $\Psi_{e}(\frac{2}{3},\frac{1}{3})=10.19$   $\Psi_{5}(\frac{2}{3},\frac{1}{3})=19.02$   $\ell_{+}(\frac{2}{3},\frac{1}{3})=11.1$   $\Psi_{r}(\frac{2}{3},\frac{1}{3})=8.89$ 

Py = 10.19 + 19.02 + 11.1 +8.89 = 49.22