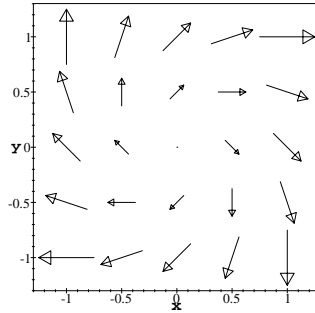
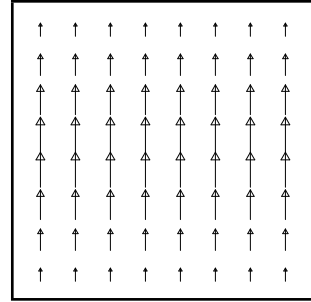


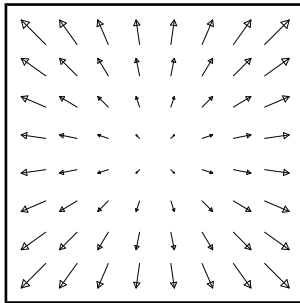
$$-y\hat{i} + x\hat{j} = r\hat{\phi}$$



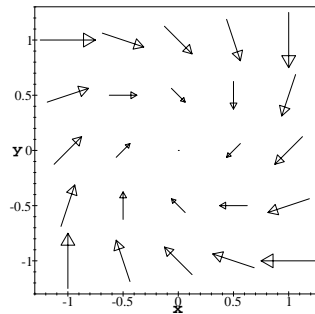
$$(x+y)\hat{i} + (y-x)\hat{j}$$



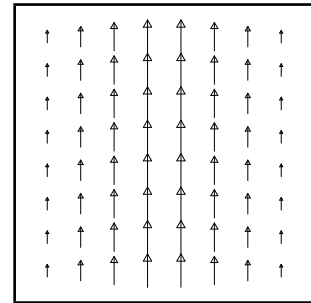
$$e^{-y^2}\hat{j}$$



$$x\hat{i} + y\hat{j} = r\hat{r}$$



$$(y-x)\hat{i} - (x+y)\hat{j}$$



$$e^{-x^2}\hat{j}$$