

Contour plots of the harmonic conjugates  $\exp(x)\cos(y)$  and  $\exp(x)\sin(y)$

> with(plots):

> ec:=contourplot(exp(x)\*cos(y),x=-5..5,y=-5..5,color=red ,  
contours=[-10,-1,0,1,10,0.1,-0.1,0.01,-0.01]):

> es:=contourplot(exp(x)\*sin(y),x=-5..5,y=-5..5,color=blue,  
contours=[-10,-1,0,1,10,0.1,-0.1,0.01,-0.01] ) :

> display(ec,es,view=[-5..5,-5..5]);

