Code for this part can be found in the folder as part2.m

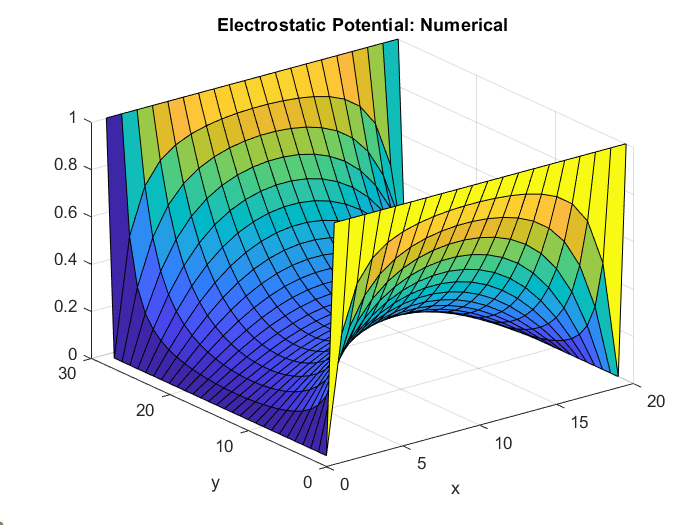


Figure : Surface Plot



Figure : Potential with Quiver

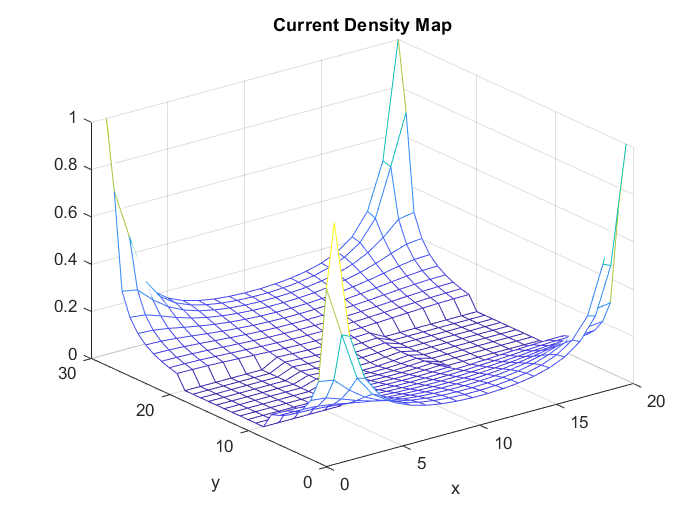


Figure : Current Density plot