

Lab 5 Report

Figure for 2.2

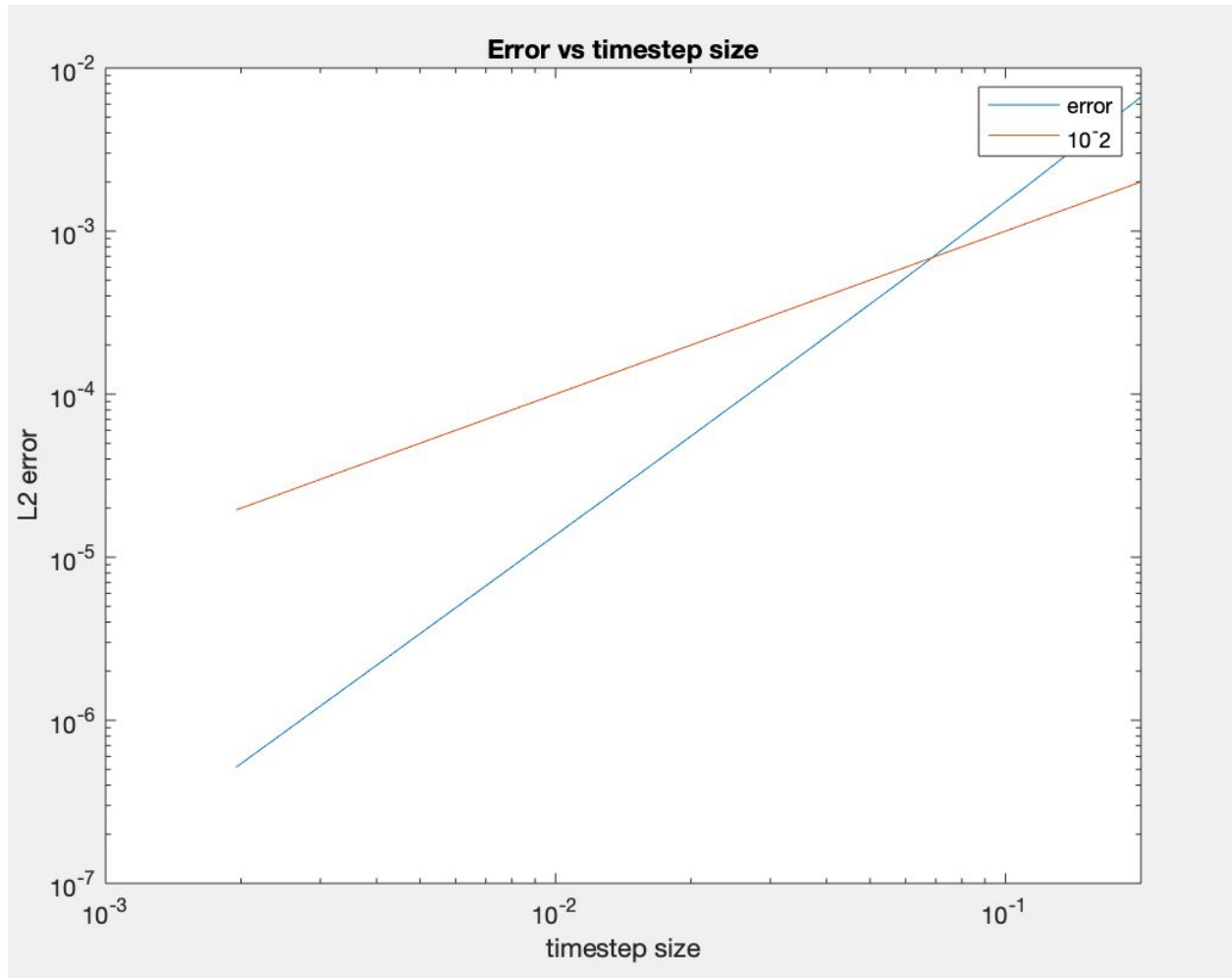
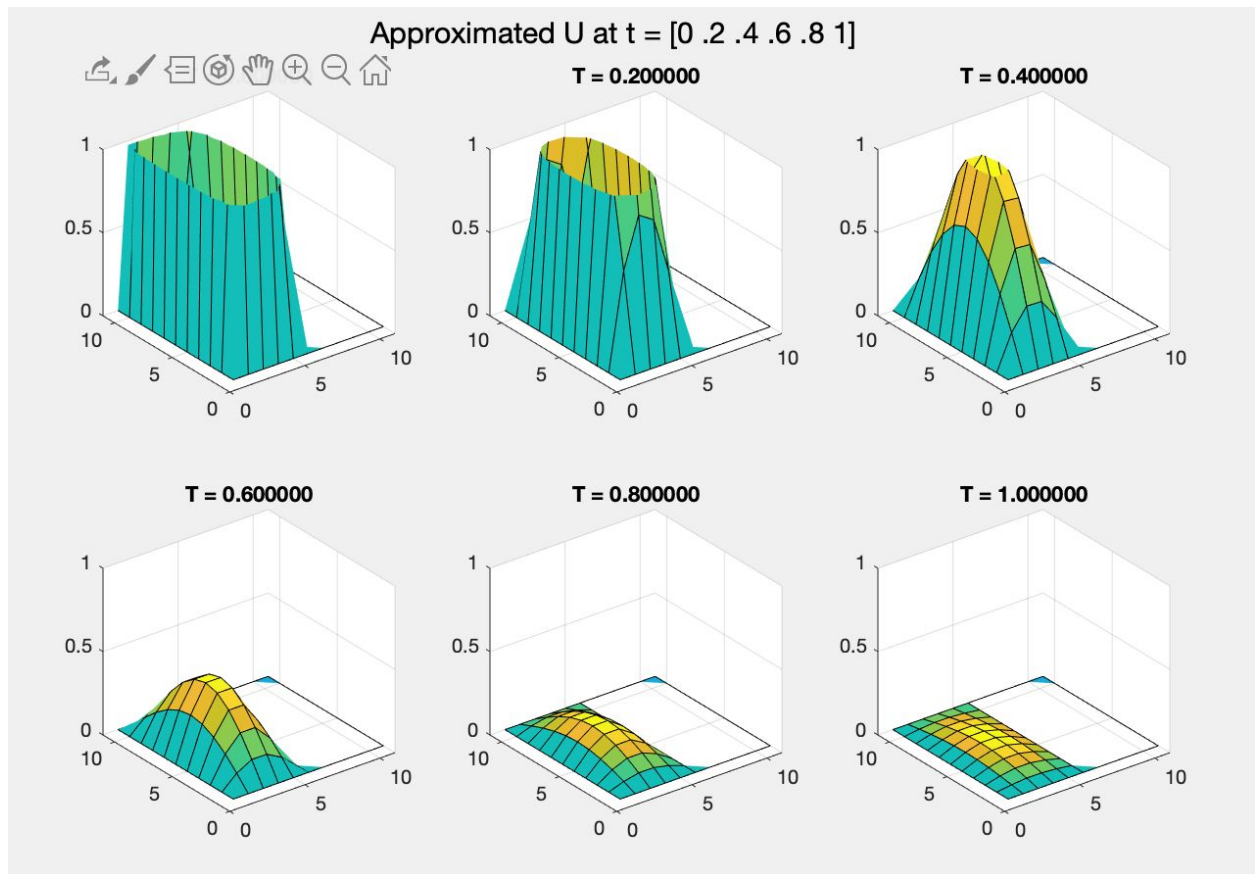


Figure for 3.3



As t goes to infinity, I expect the solution to converge to the zero matrix. This is because there was no forcing applied in the scheme that added or subtracted heat into the system. Also because the surf plot gets flatter on the z axis as t goes to 1.