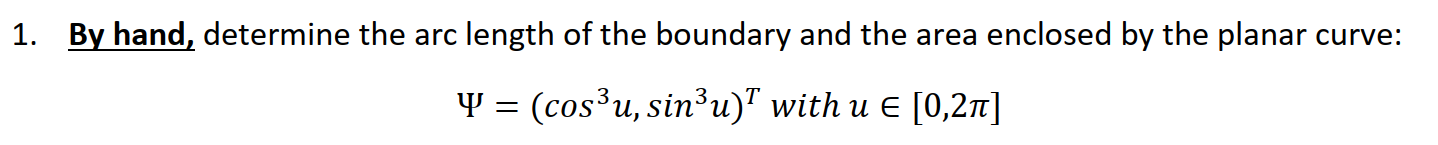
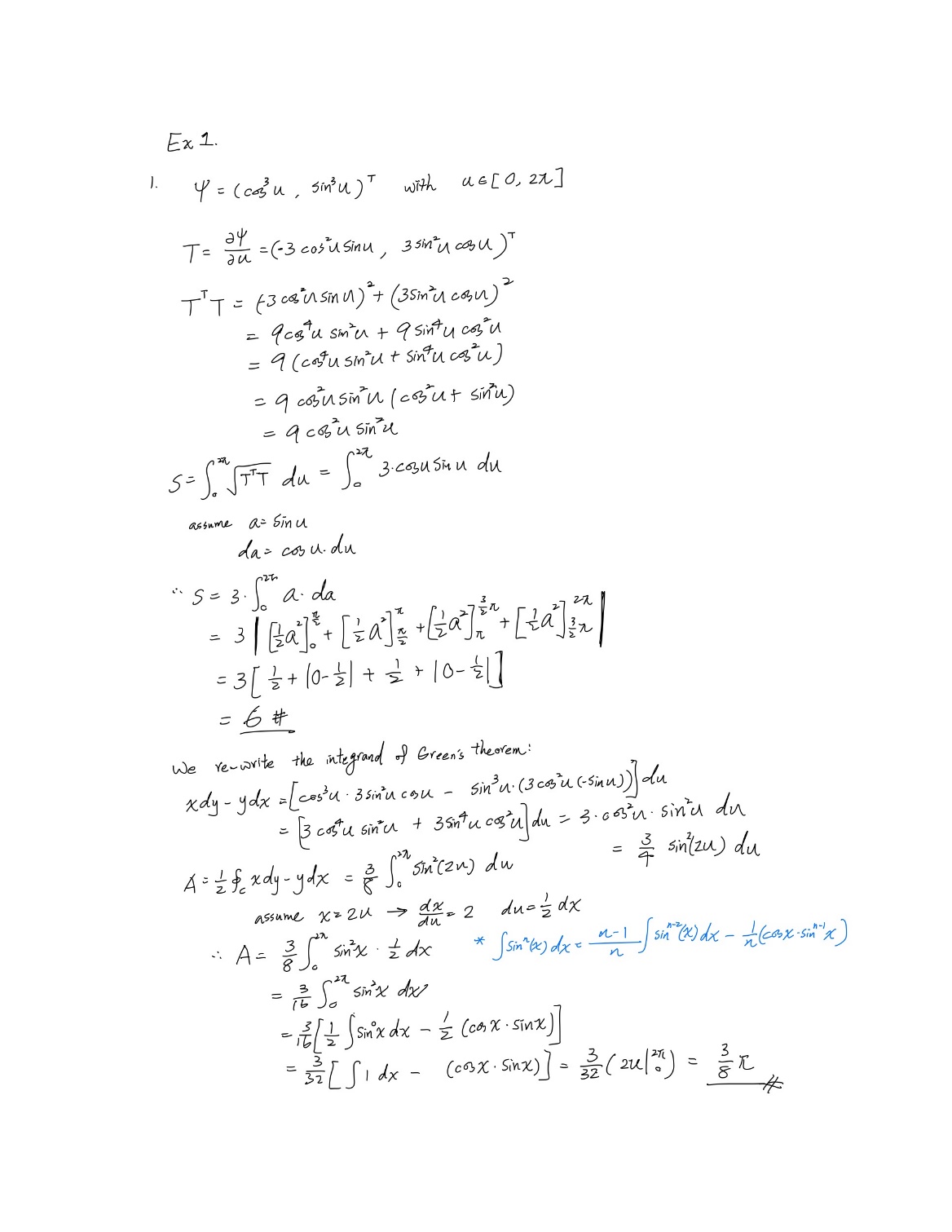
**Advanced Mathematic**s

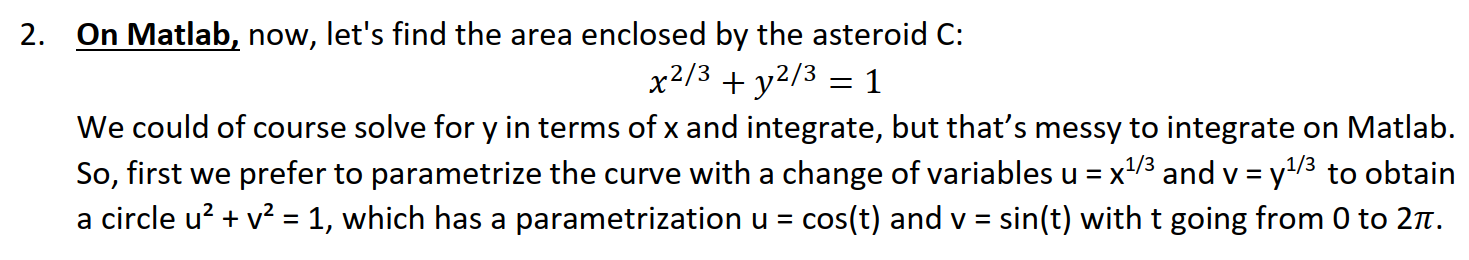
Lab 3

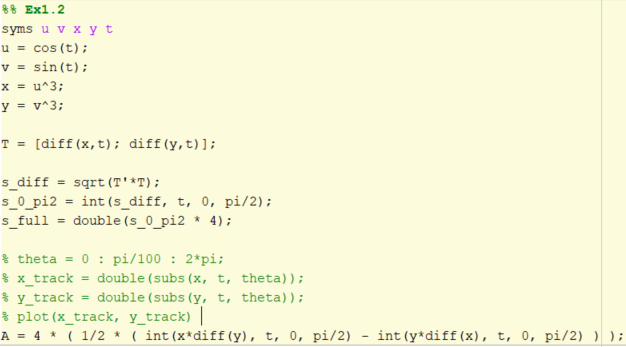
Yu-Hao 3443130

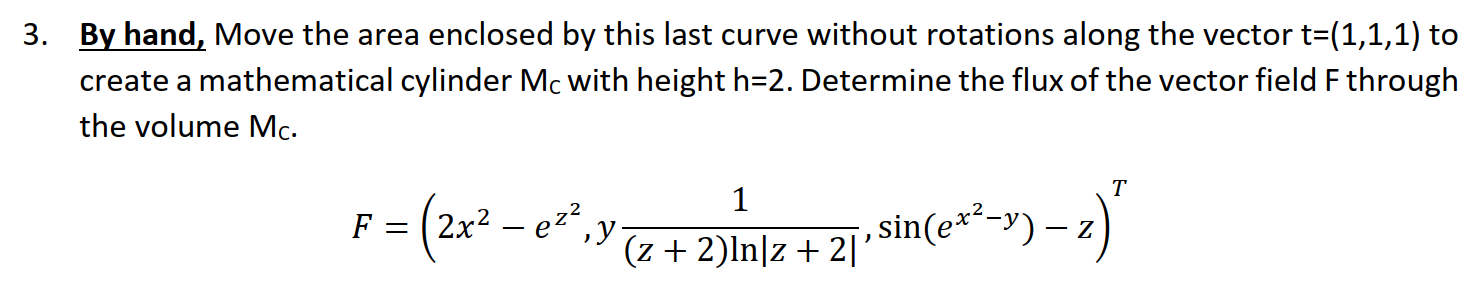
**Exercise 1 – Green & Gauss**

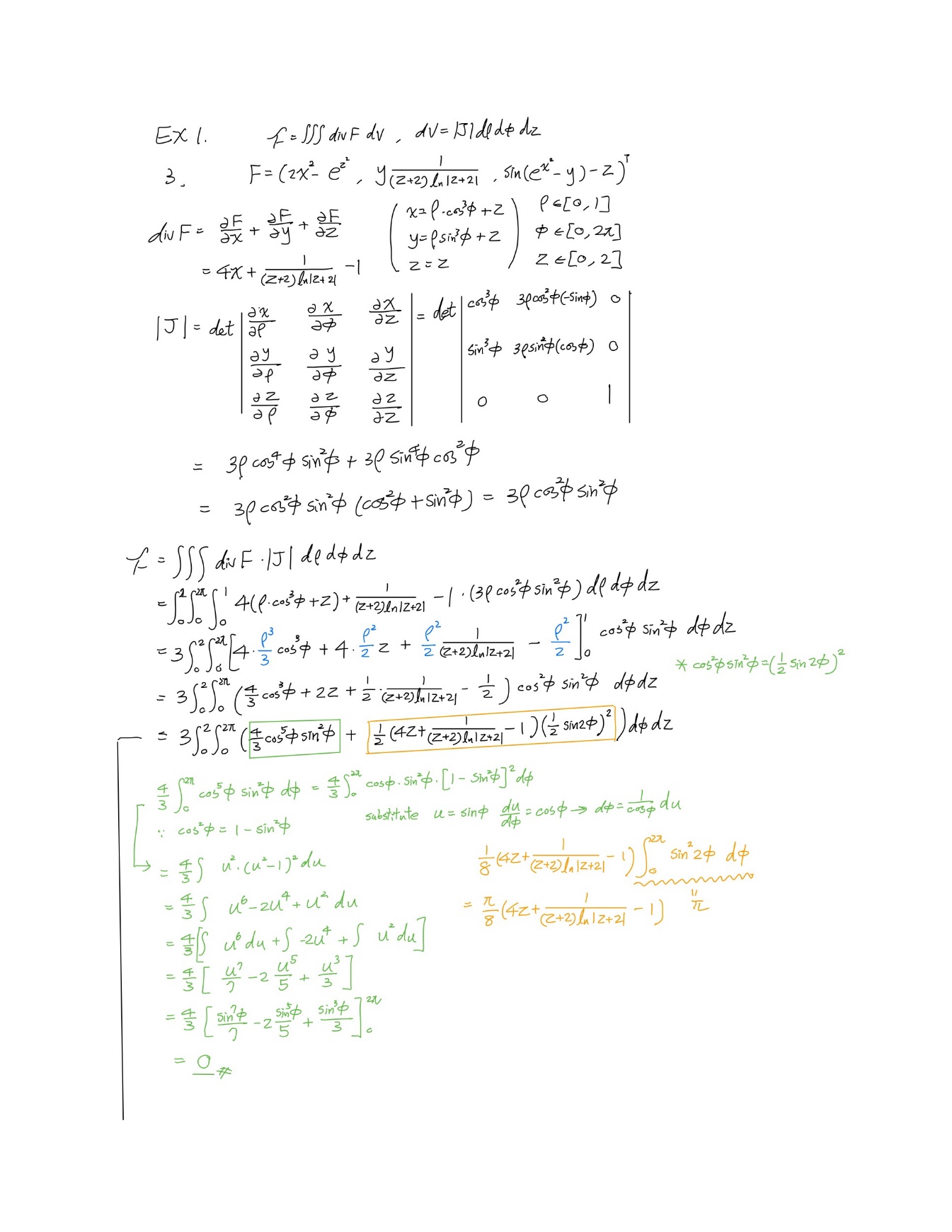


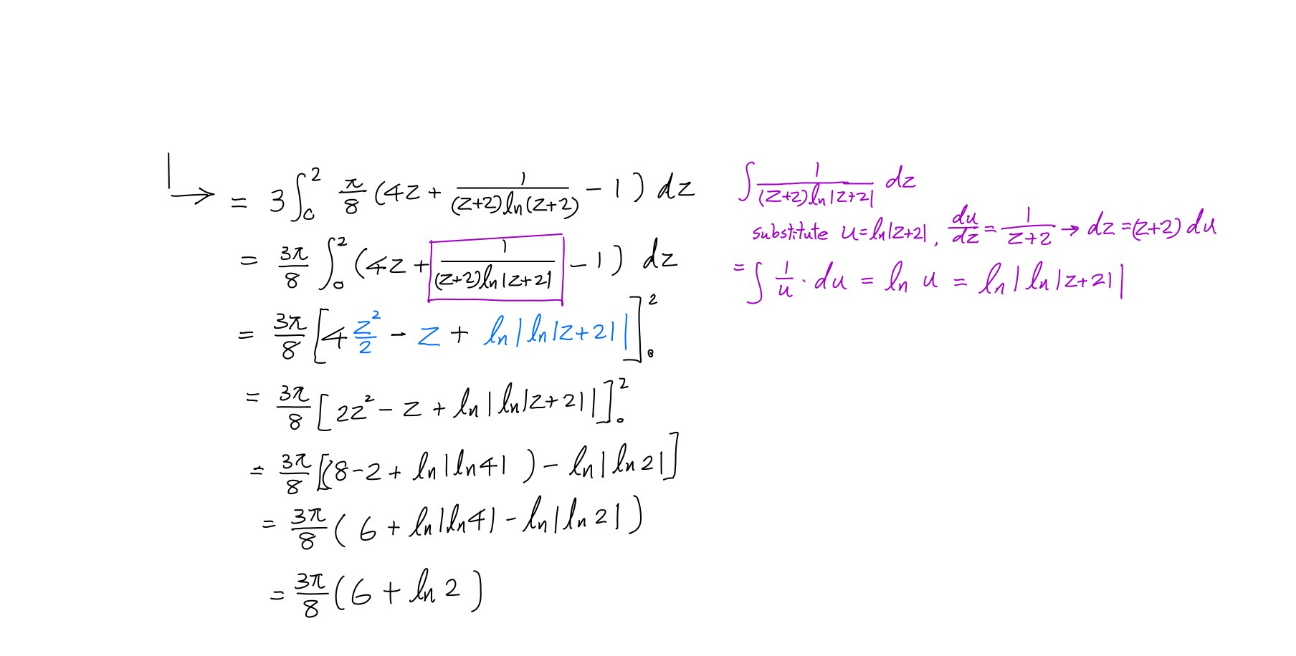












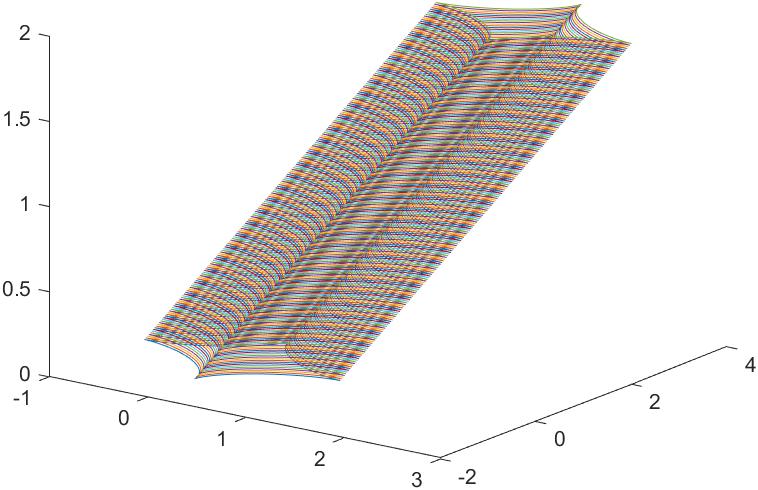
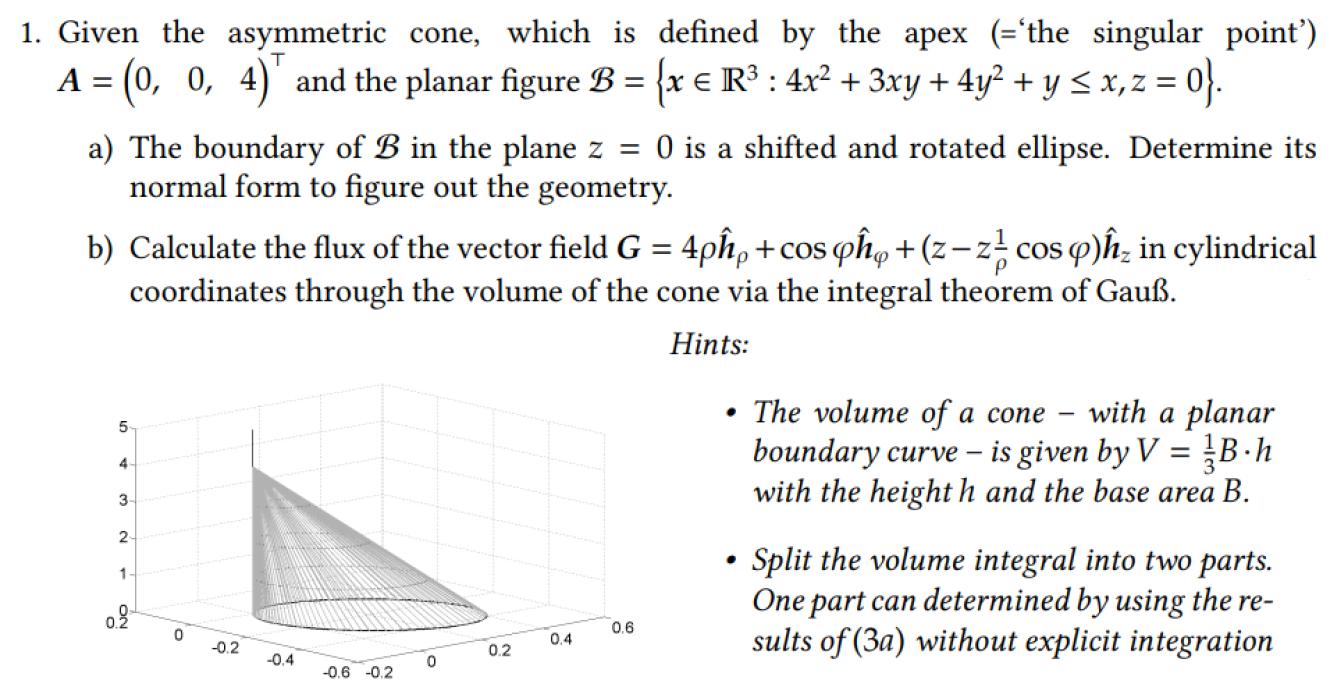
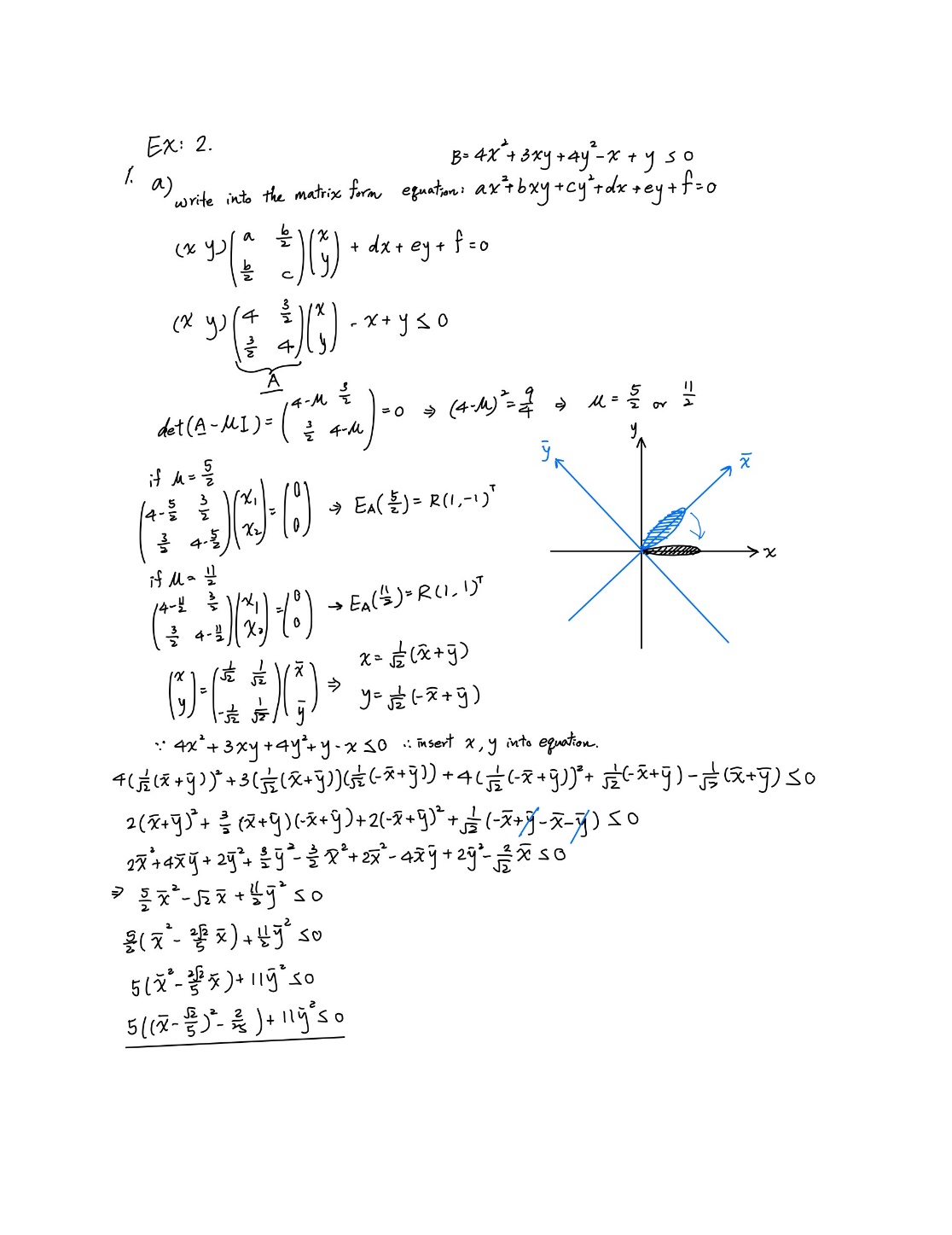
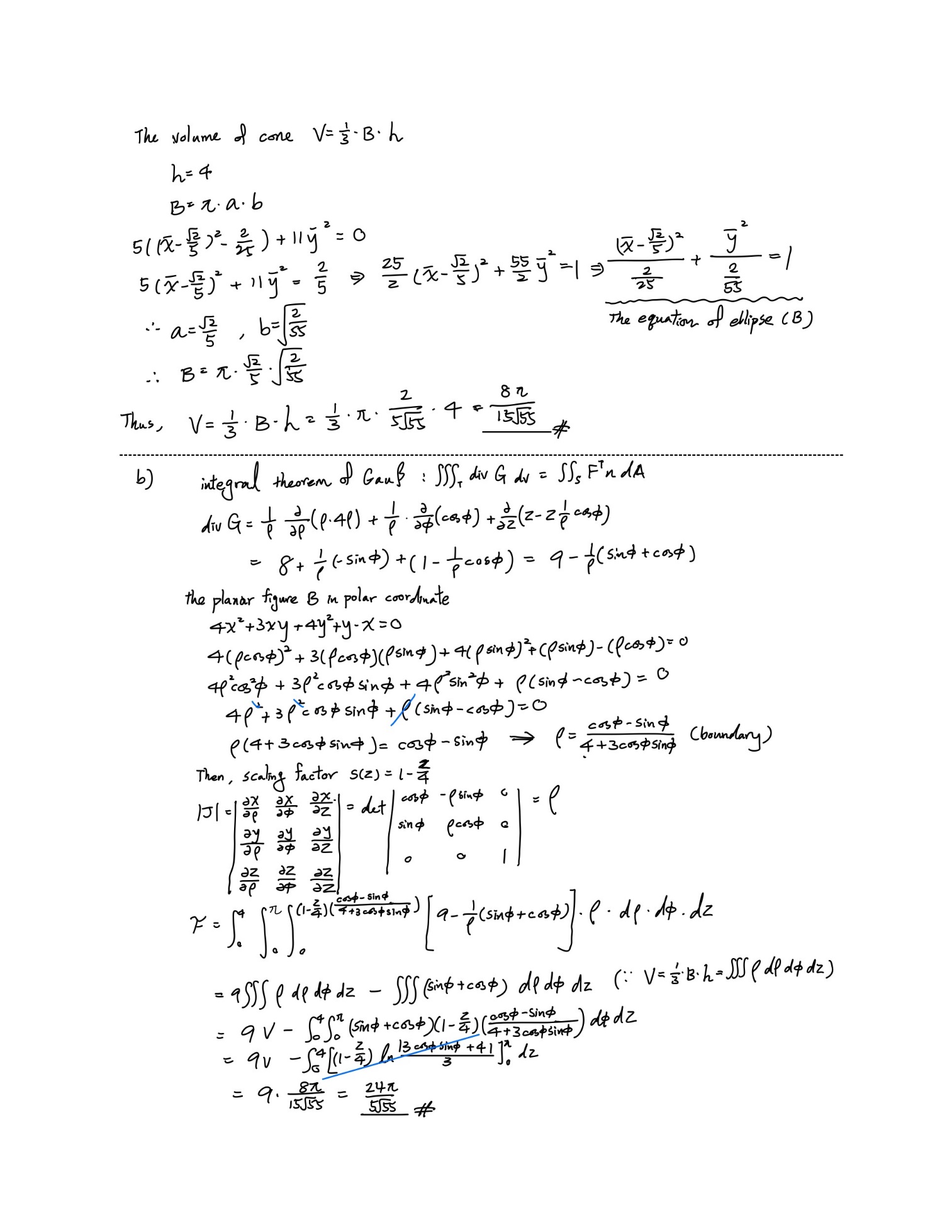


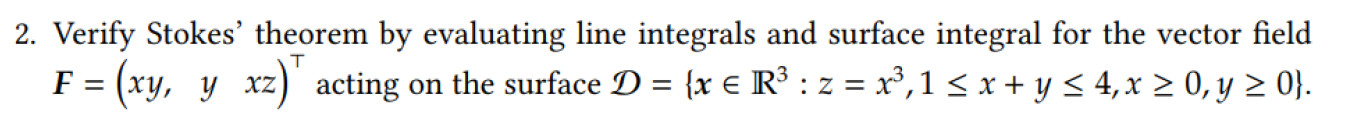
Figure (1) mathematic cylinder

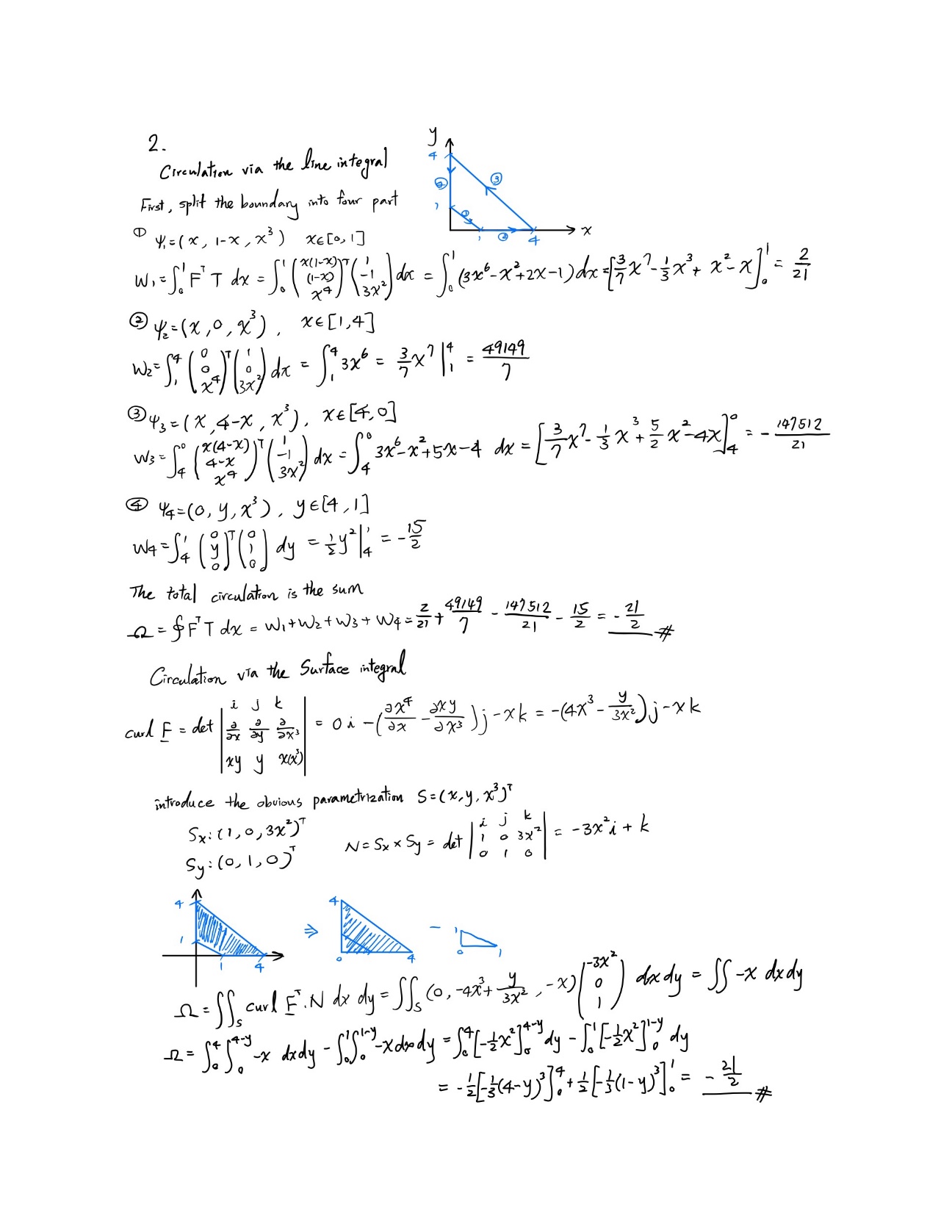
**Exercise 2 – Circulation & Flux**



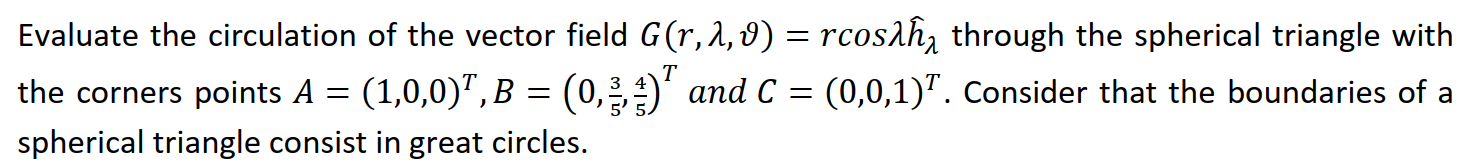








**Exercise 3 – Integral Theorems**



**Exercise 4 – Integral Theorems on Matlab**

