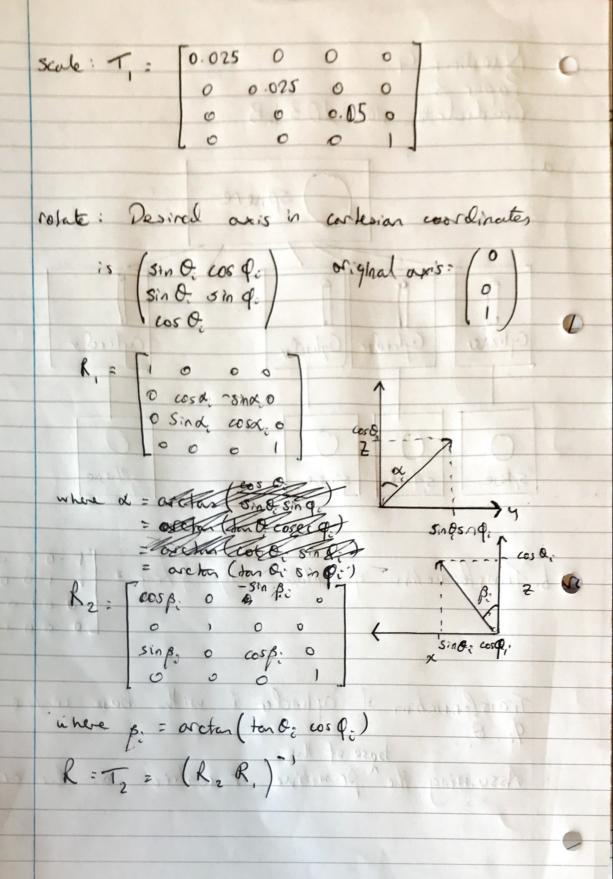
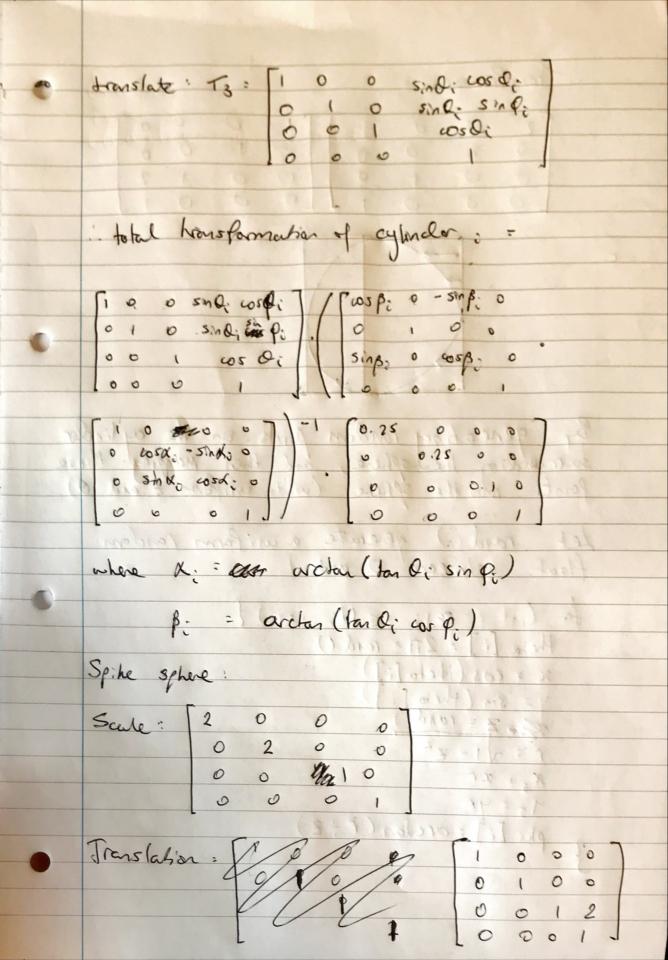
Question 4.
Paper 3
Condictate NO. 2031B Cyliader Cyliader Cylinder of Main large sphere: Transformation of cylinder i with Assuming the primitive is restred on the origin.





i. Trons Corriation & By generating random points on the cylinder surrounding the sphere, and then mapping those foints allo the sphere (with uniform z and O) Let rand () génerate a uniform random float between 0 and 1 for (int is the is No ist) [Heta [i] = 2TI x roud () x = cos (Heta[i]) y = sin (Heta[i]) x = z = ronde) r = VI - z² 75 = Yr philil: archar (+= 2)