

#User Inputs

#Geometry

Geometry = "sphere.geo"

#(string) Name of the .geo file to be used in the frequency sweep i.e.

"sphere.geo"

#Scaling to be used in the sweep in meters

alpha = 0.01

#(float) scaling to be applied to the .geo file i.e. if you have defined

#a sphere of unit radius in a .geo file alpha = 0.01 would simulate a

#sphere with a radius of 0.01m (or 1cm)

#About the mesh

#How fine should the mesh be

MeshSize = 2

#(int 1-5) this defines how fine the mesh should be for regions that do

#not have maxh values defined for them in the .geo file (1=verycoarse,

#5=veryfine)

#The order of the elements in the mesh

Order = 3

#(int) this defines the order of each of the elements in the mesh

#About the Frequency sweep (frequencies are in radians per second)

*#Minimum frequency (Powers of 10 i.e Start = 2 => 10**2)*

Start = 1

#(float)

*#Maximum frequency (Powers of 10 i.e Start = 8 => 10**8)*

Finish = 8

#(float)

#Number of points in the frequency sweep

Points = 81

#(int) the number of logarithmically spaced points in the sweep

#I only require a single frequency

Single = True

#(boolean) True if single frequency is required

Omega = 133.5

#(float) the frequency to be solved if Single = True

#POD

#I want to use POD in the frequency sweep

Pod = False

#(boolean) True if POD is to be used, the number of snapshots can be

#edited in in the Settings.py file

#MultiProcessing

MultiProcessing = True

#(boolean) #I have multiple cores at my disposal and have enough spare RAM

to run the frequency sweep in parrallel (Edit the number of cores to be

#used in the Settings.py file)