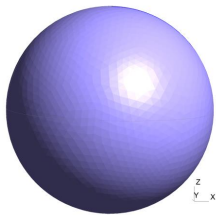
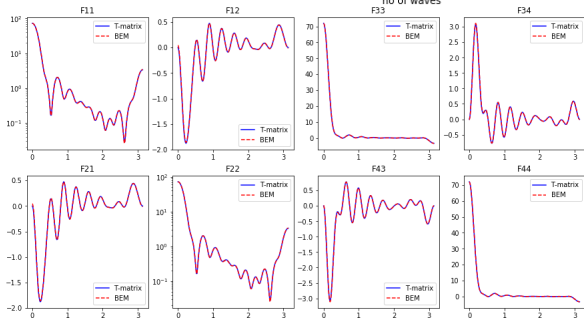
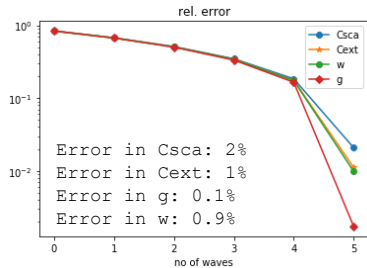


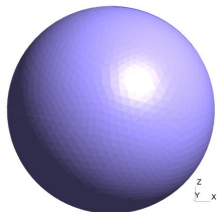
# Testing: sphere X=10



Radius = 719  $\mu\text{m}$   
Refractive index =  $1.7746 + 0.00940j$   
Frequency = 664GHz  
Mesh: 10 elements per wavelength  
Elements: 7808



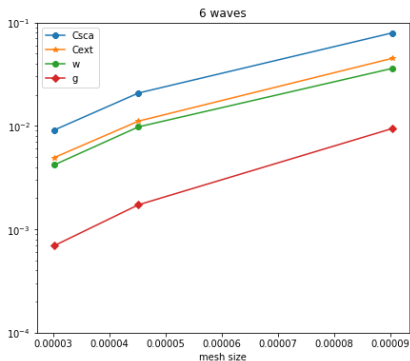
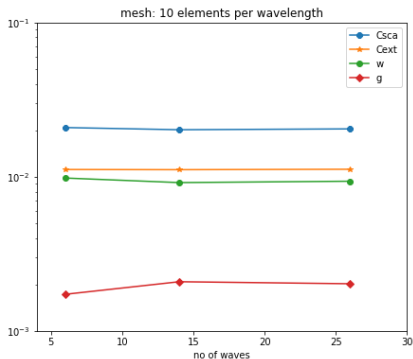
# Testing: sphere $X=10$



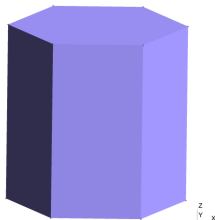
Radius =  $719 \mu\text{m}$

Refractive index =  $1.7746 + 0.00940j$

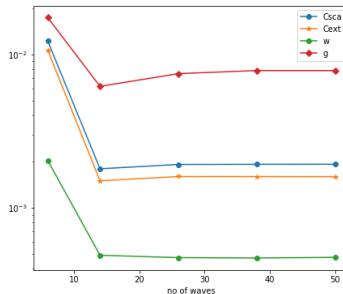
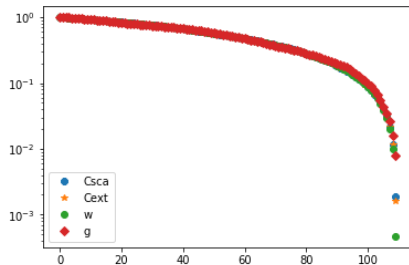
Frequency =  $664\text{GHz}$



# Testing: hexagonal column $X=1$



Refractive index =  $1.7746 + 0.00064j$   
Frequency = 50GHz  
Mesh: 10 elements per wavelength  
Elements: 180



# Testing: Aggregate $D_{\max} = 492\mu m$



Refractive index =  $1.7643 + 0.00042j$

Frequency = 50GHz

Elements: 204

