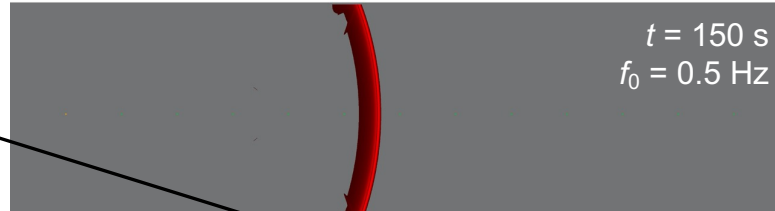
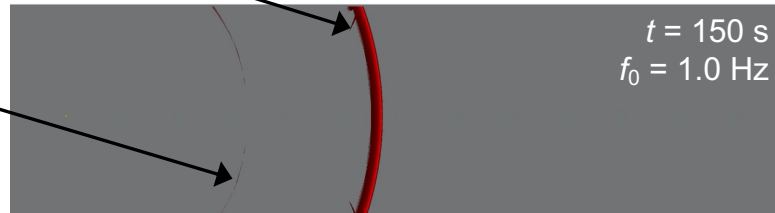


# Uniform Whole-Space

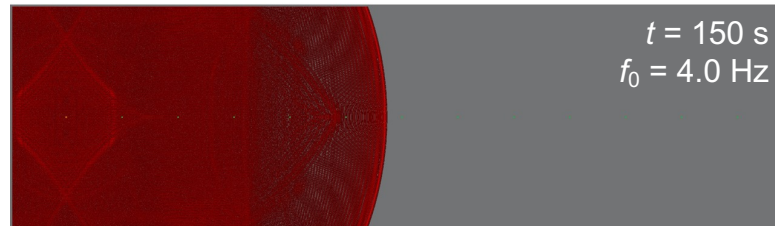
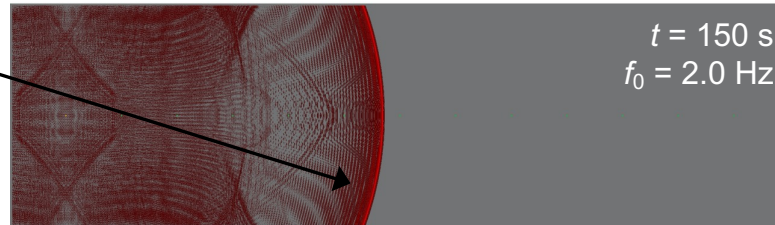
Spurious boundary reflection



Spurious shear waves

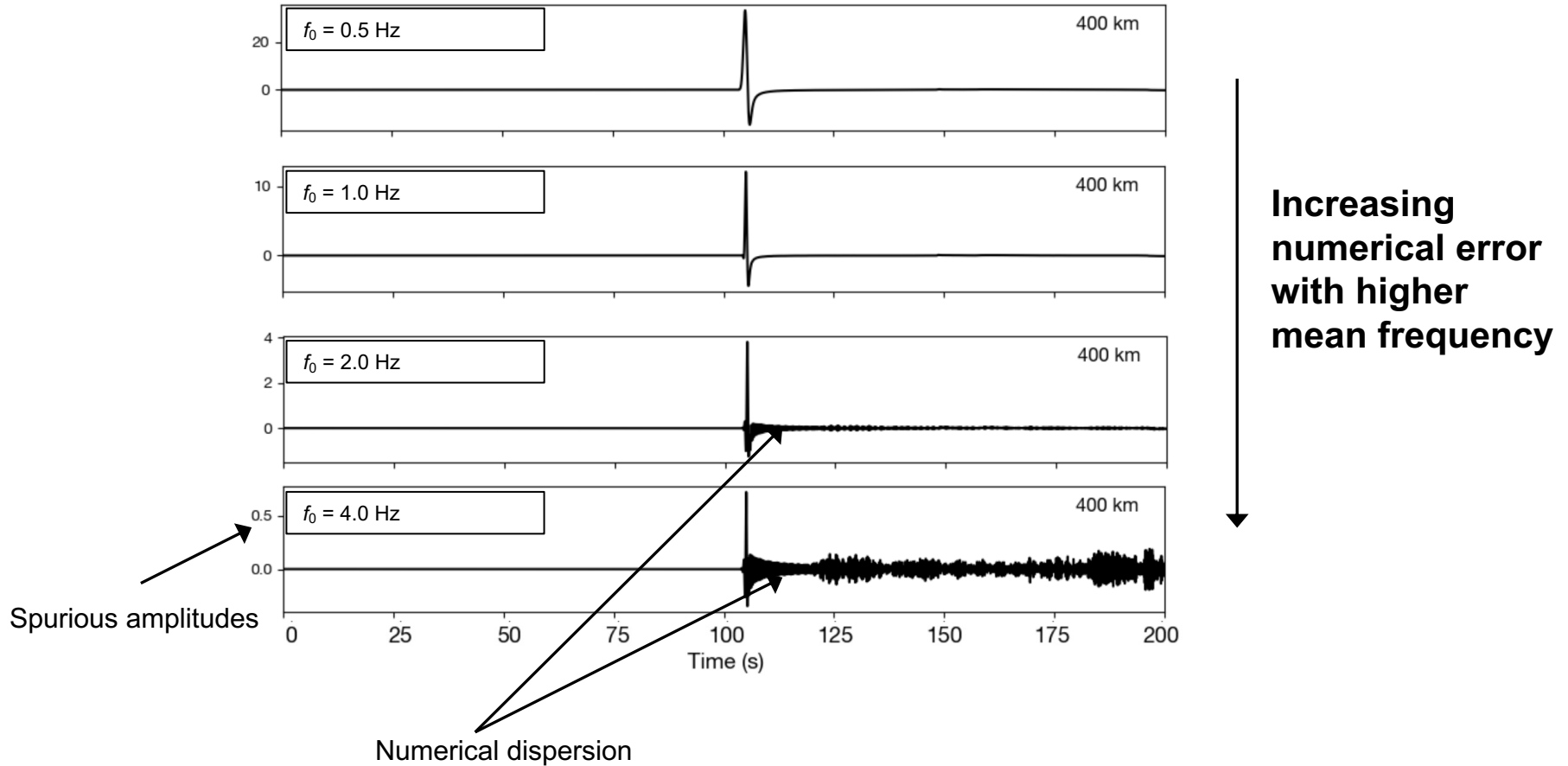


Numerical dispersion

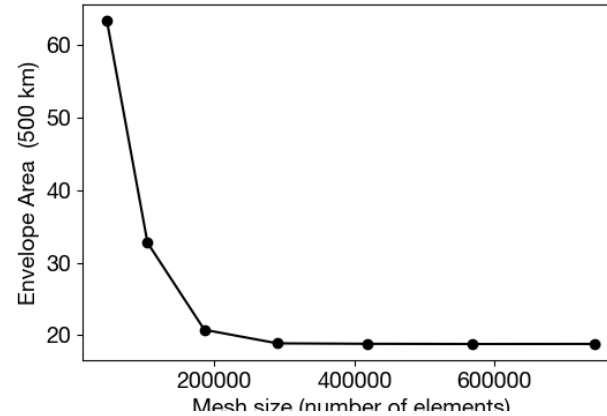
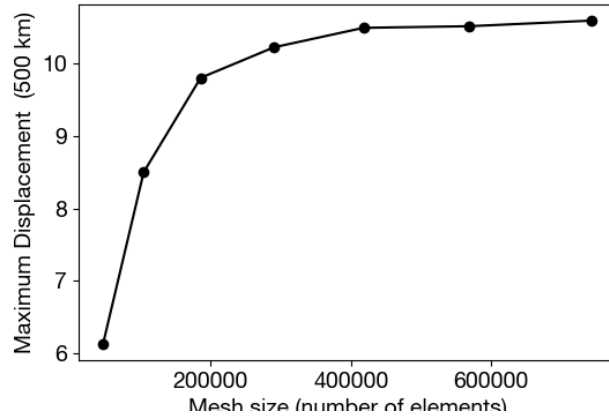


**Increasing  
numerical error  
with higher  
mean frequency**

# Uniform Whole-Space Error Analysis




# Uniform Whole-Space Mesh Convergence



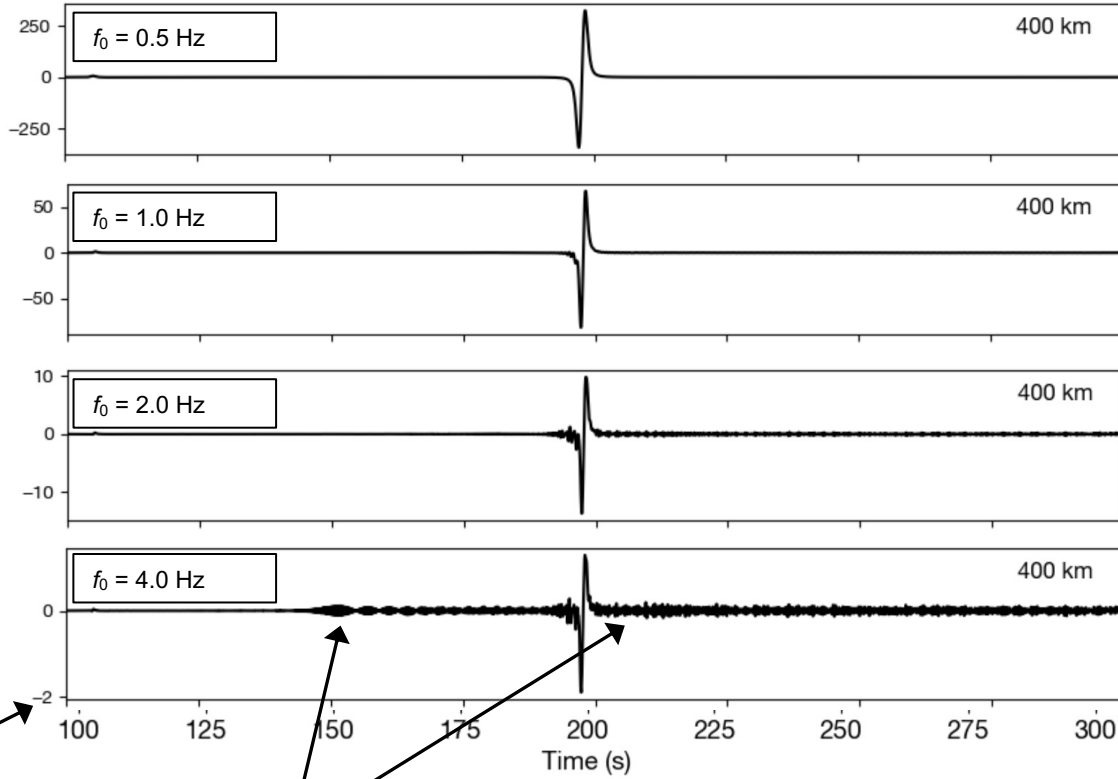
# Uniform Half-Space Error Analysis



**Increasing  
numerical error  
with higher  
mean frequency**



# Uniform Half-Space Error Analysis



Increasing  
numerical error  
with higher  
mean frequency

Spurious amplitudes

Numerical dispersion

# Uniform Half-Space Mesh Convergence

