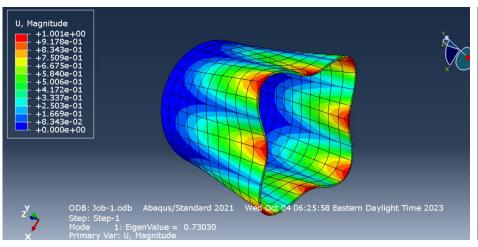
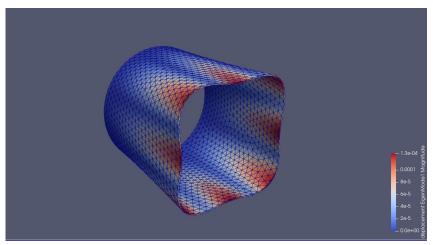
## **ABAQUS Quadratic Hexahedron**

## Elmer Quadratic Tetrahedron





Eigenvalues

0.73

0.73

0.95

Lanczos 10 sec

Eigenvalues

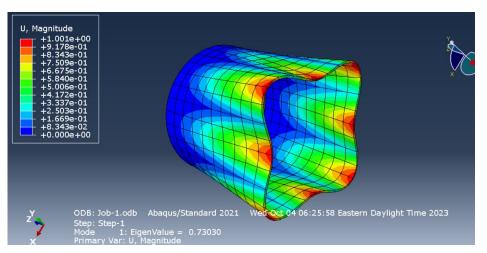
0.77

0.77

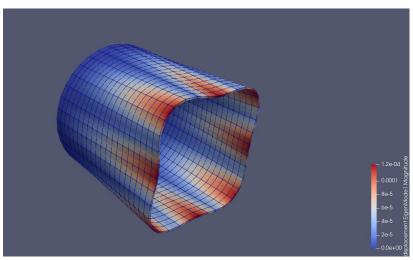
1.04

Mumps 92 sec

## **ABAQUS Quadratic Hexahedron**



## Elmer Quadratic Hexahedron



Eigenvalues

0.73

0.73

0.95

Lanczos 10 sec

Eigenvalues

0.77

0.77

1.04

Mumps 13.9 sec