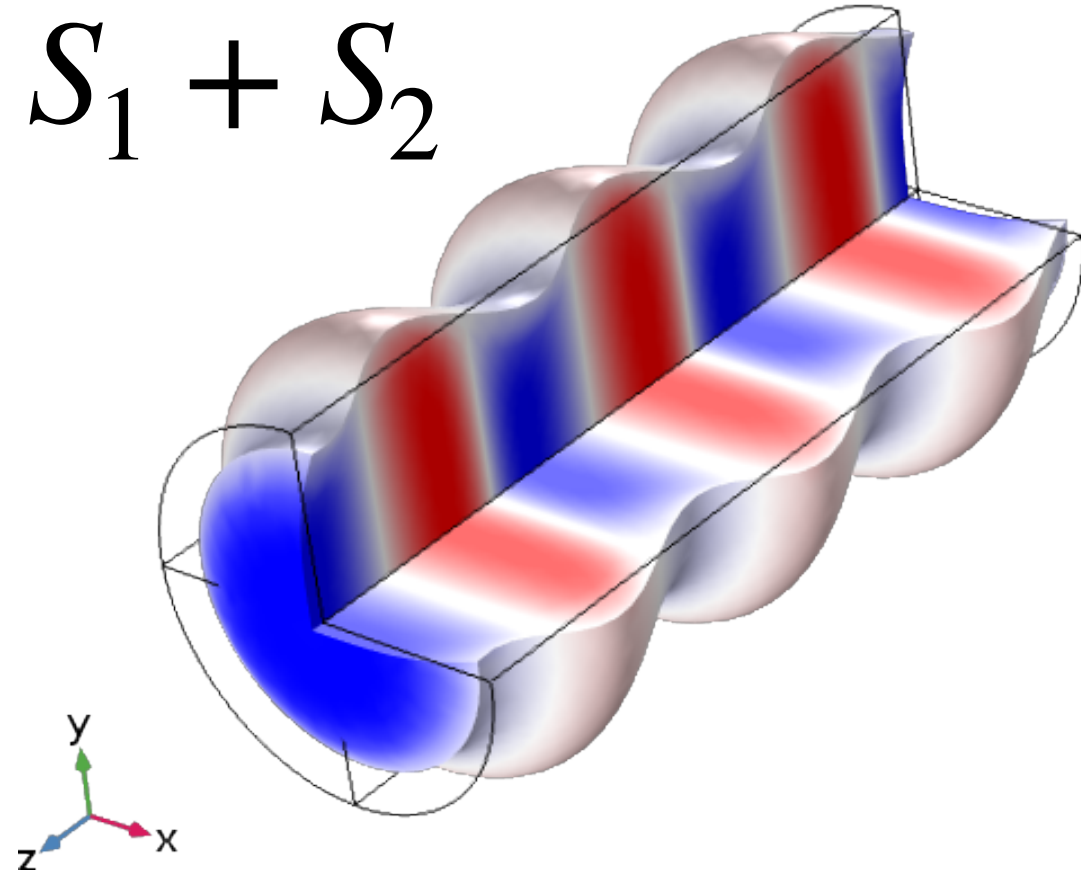




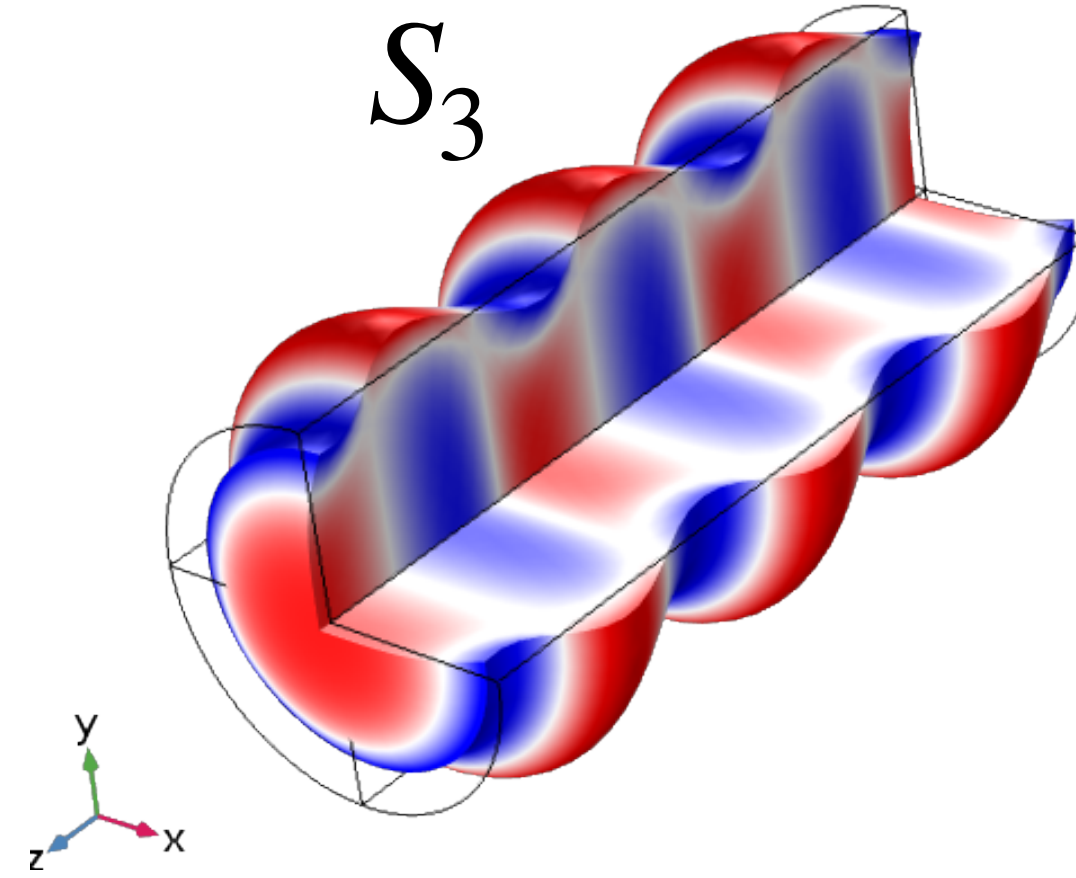
Mechanical modes (Photo-elastic effect)

Radial mode

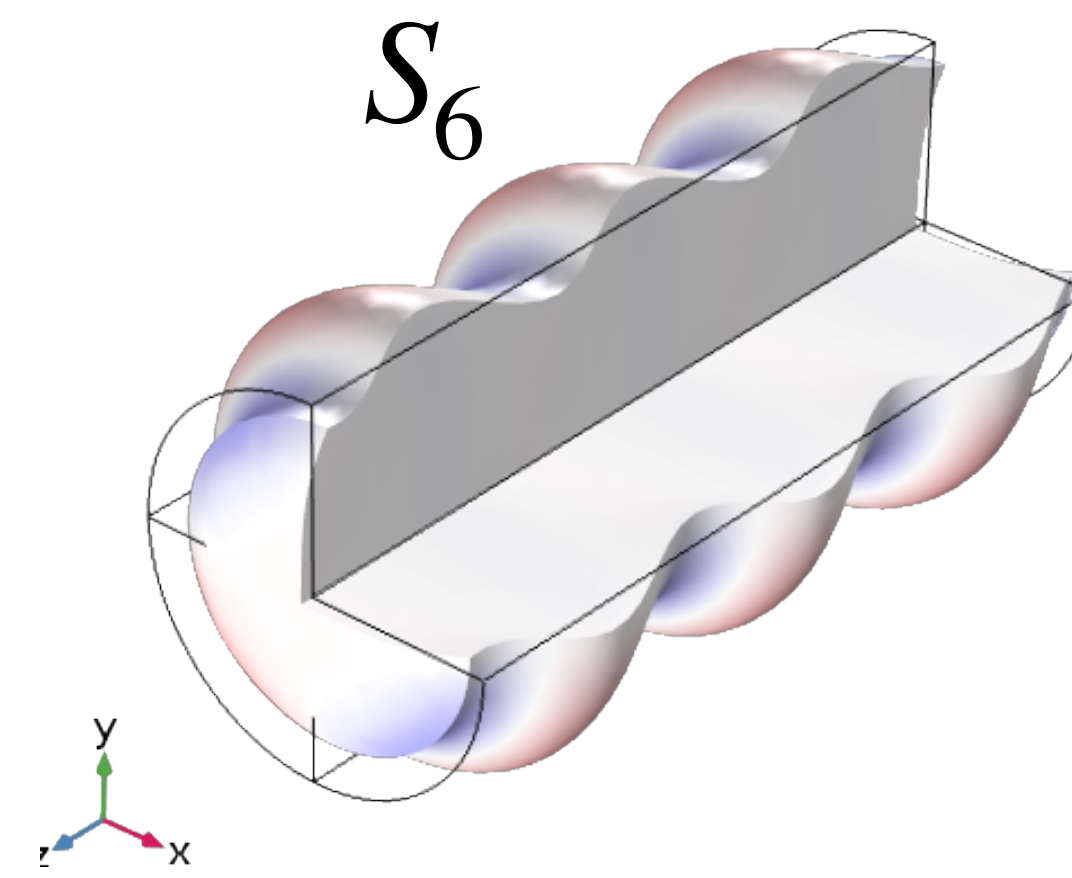
$S_1 + S_2$



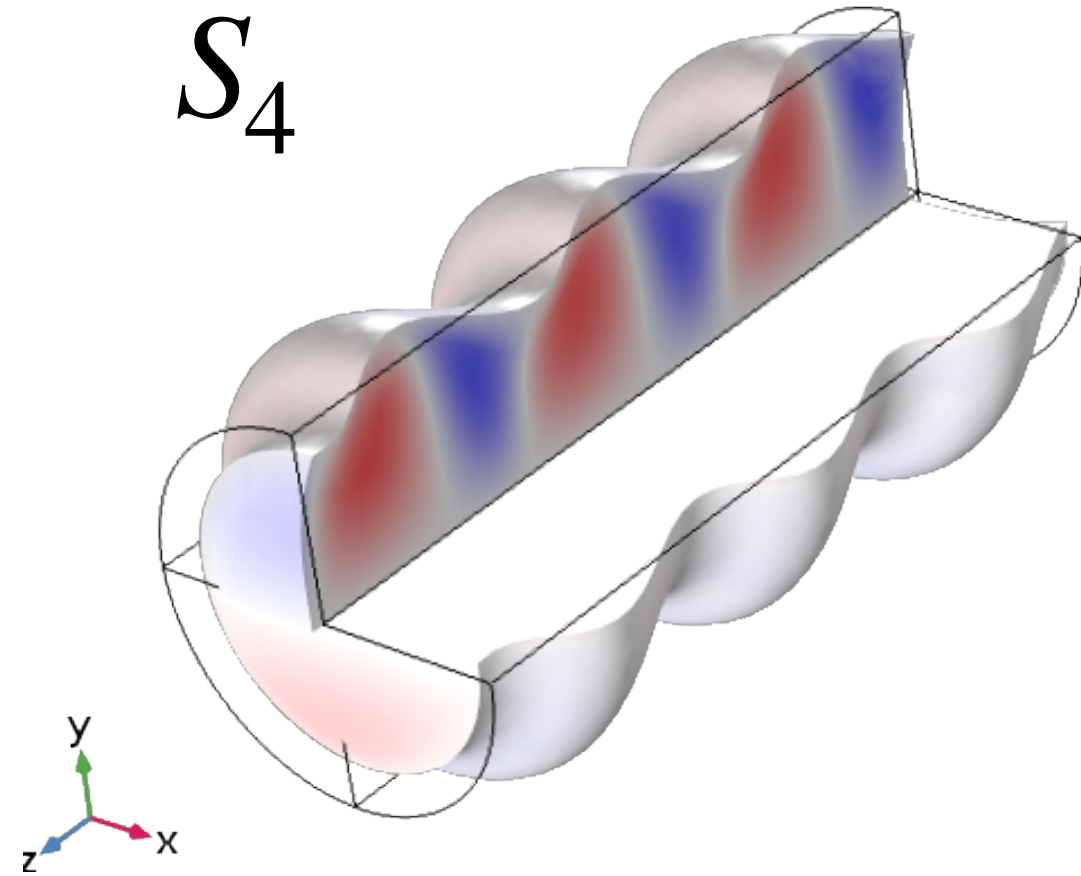
S_3



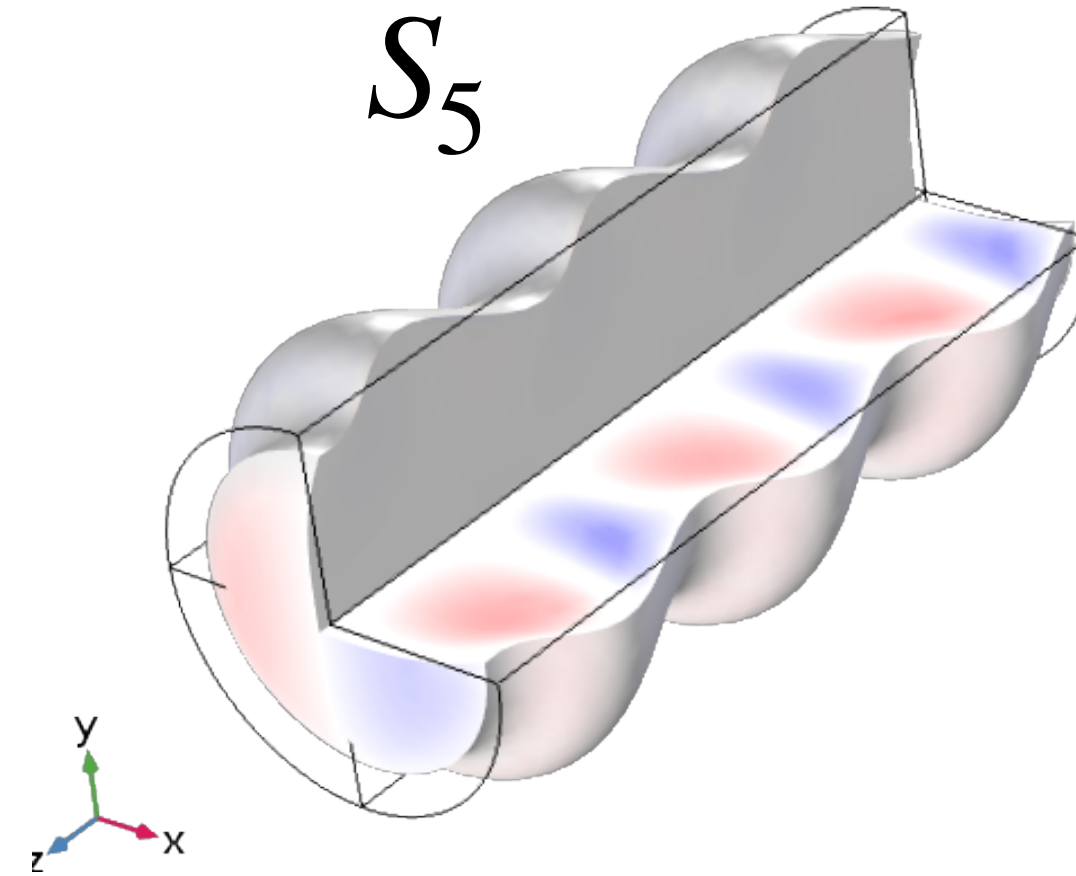
S_6



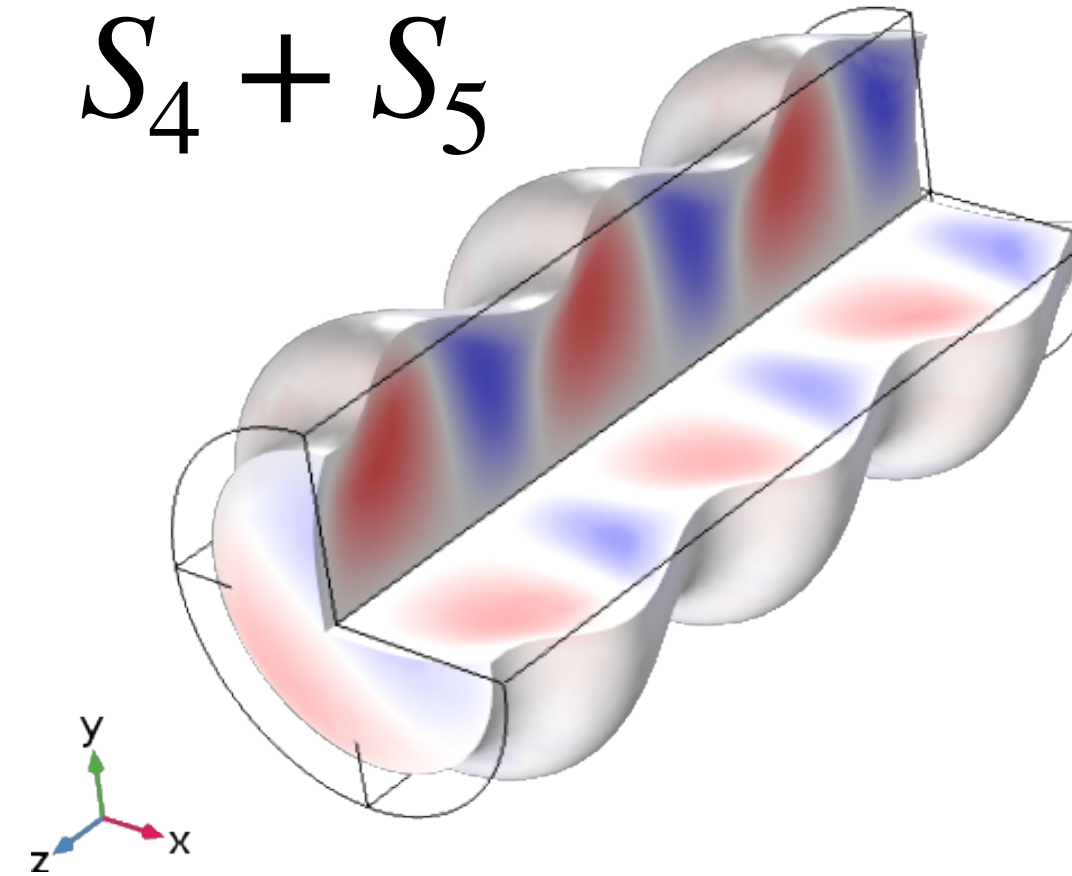
S_4



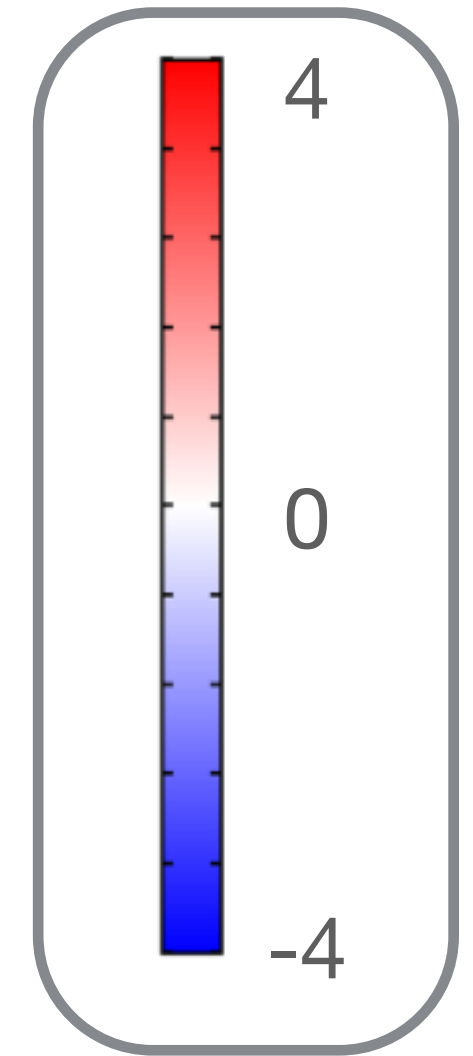
S_5



$S_4 + S_5$



Strain (μm^{-1})



$$\begin{bmatrix} S_1 \\ S_2 \\ S_3 \\ S_4 \\ S_5 \\ S_6 \end{bmatrix} = \begin{bmatrix} S_{xx} \\ S_{yy} \\ S_{zz} \\ 2S_{yz} \\ 2S_{xz} \\ 2S_{xy} \end{bmatrix}$$



Brillouin Scattering in microwires

a.

