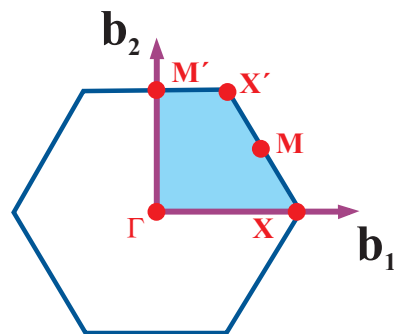
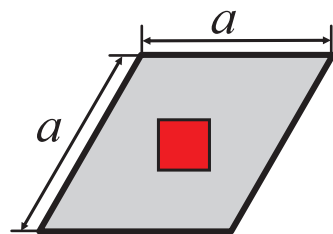


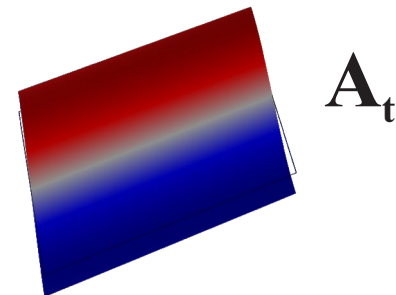
a)



Wave modes

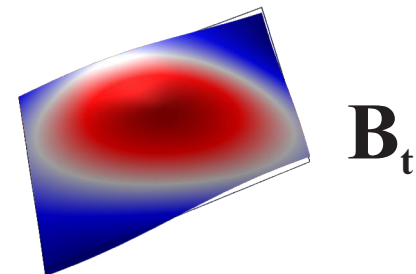
$k = 0 \text{ [m}^{-1}\text{]}, \text{ Frequency} = 157.05 \text{ [Hz]}$

m
 $\times 10^{-9}$
 4
 2
 0
 -2
 -4



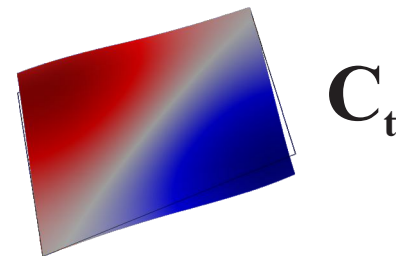
$k = 2 \text{ [m}^{-1}\text{]}, \text{ Frequency} = 70.71 \text{ [Hz]}$

m
 $\times 10^{-11}$
 6
 4
 2
 0
 -2



$k = 2 \text{ [m}^{-1}\text{]}, \text{ Frequency} = 209.99 \text{ [Hz]}$

m
 $\times 10^{-9}$
 4
 2
 0
 -2
 -4



b)