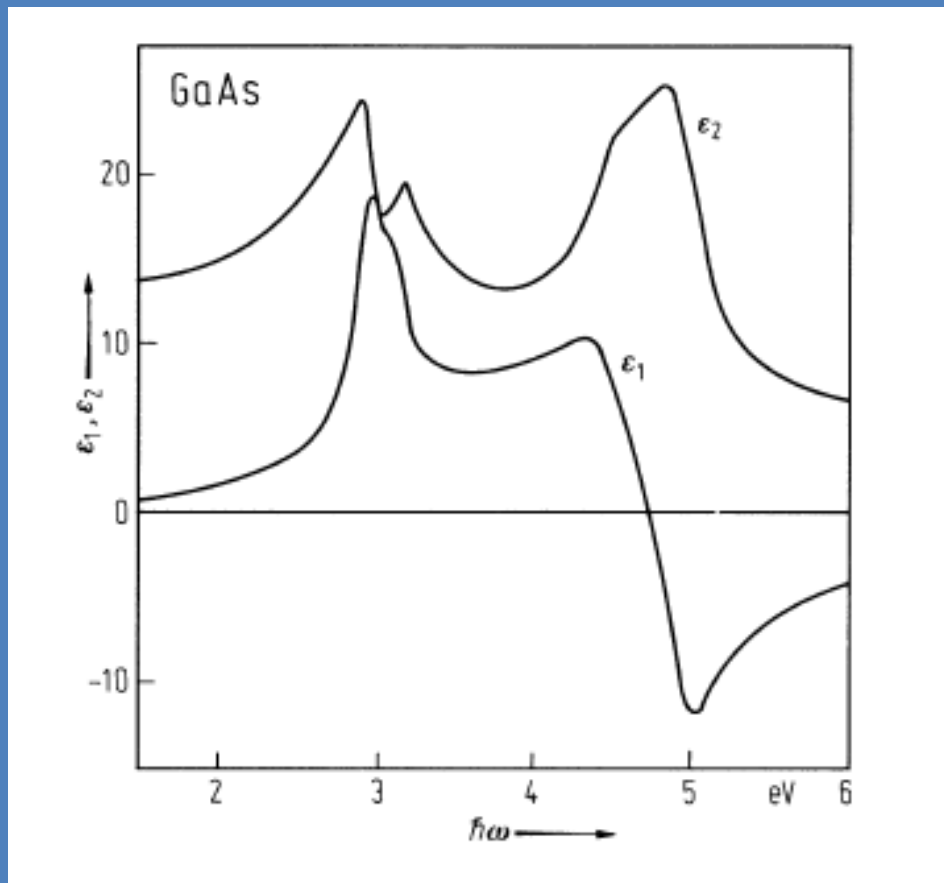
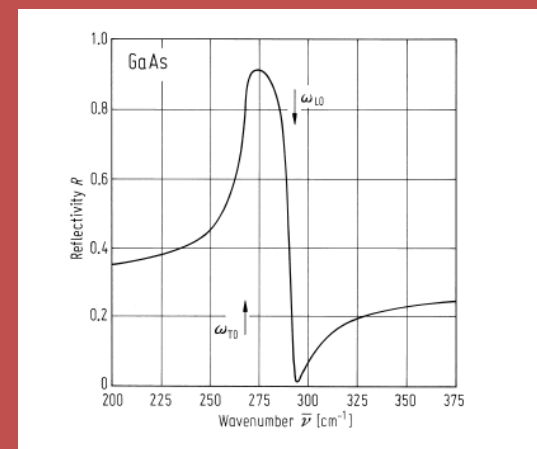
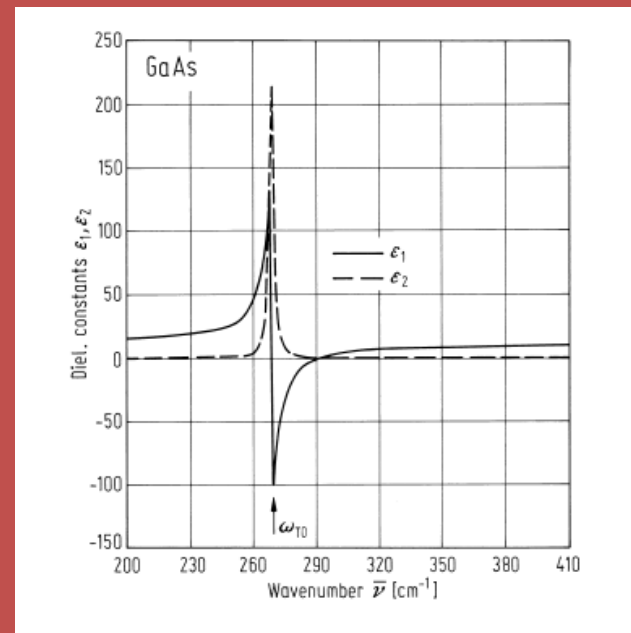


# GaAs (semiconductor)

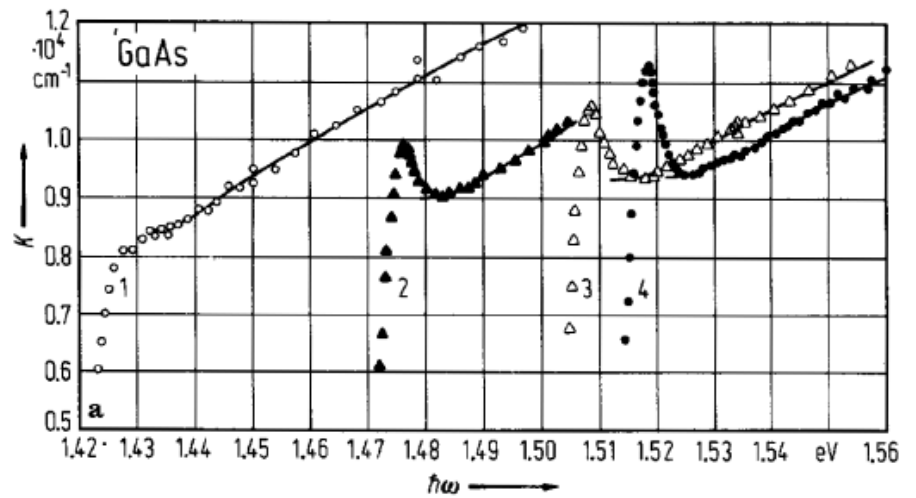
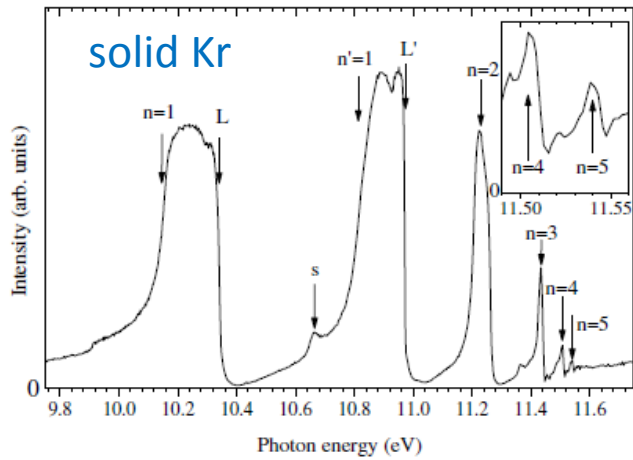
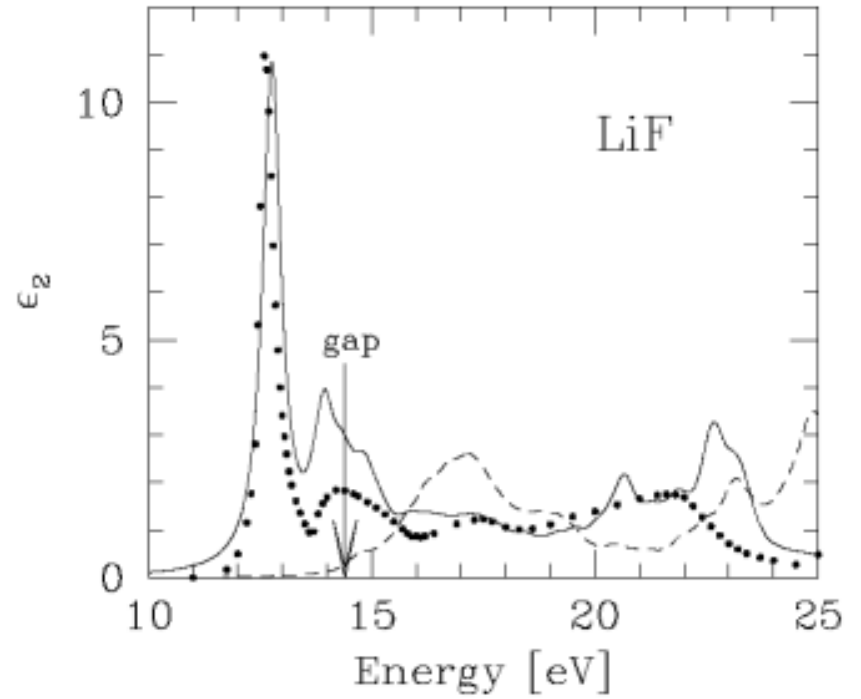
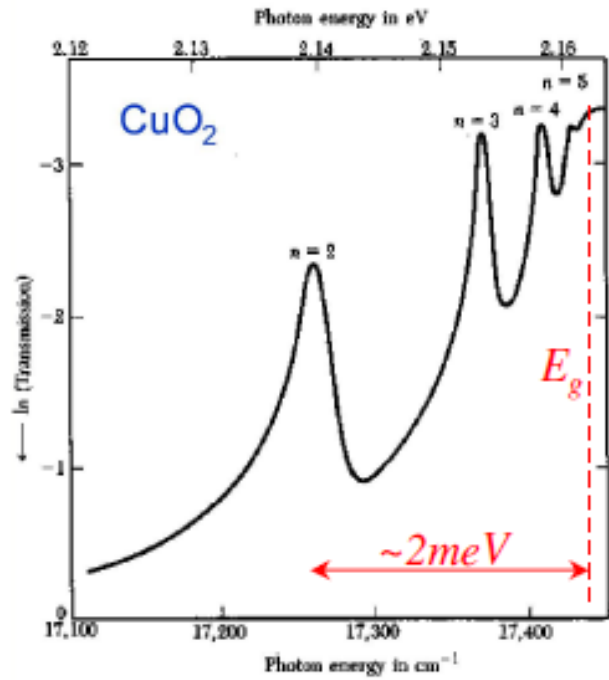


interband transitions



phonons

# EXCITONS



# METALS AND DOPED SEMICONDUCTORS

