

Physics of Music

PHYS 102

Homework 5
*due April 28th **before** class*

1. Start from the note $A_4=440$ Hz and find the frequencies of all notes from A_4 to A_5 in the Pythagorean temperament. What is the ratio of frequencies between $A\#_4$ and Eb_5 and how it compares to the ideal $3/2$ ratio ?
2. Start from the note $A_4=440$ Hz and find the frequencies of all notes from A_4 to A_5 in the equal temperament.