

HNRS-2900 Math/Physics Integrating Honors Seminar (Wood-Kaldon)
Spring 2008

Final Topics on Waves, Standing Waves, Fourier Series, Solutions to the Wave Equations

Looking for stuff on the Web – email philip.kaldon@wmich.edu with URL's, along with brief comments on what your team thought was significant about (a) the topic you were assigned and (b) the information on the web pages you found. Simple, eh?

- Jet aircraft afterburner “diamonds”
- Digital audio/sound
- Graphic Equalizers
- Pictures of vibrating drumheads
- Tacoma Narrows Bridge
- Shape of electron orbitals in atoms
- Cowboy rope tricks with a lasso
- Acoustics of Carnegie Hall in NYC

Teams of two? Three?

Find two to three web pages.

You can use Wikipedia as one source, but then you need to find at least another.

E-mail results by 9pm Tuesday 15 April 2008, so we can look at things at Final Class.