

Physics 213 is Amazin'

By James D. Diorio and Lindsay A. Barton 12-7-01

(To the tune of "The Times They Are A-Changin'", by Bob Dylan)

Come gather 'round people, wherever you roam,
And hear the great story of 10 students who've grown.
Throughout the semester they've made it well known
That physics they're good at a-solvin'.
Their physical skills they'll continue to hone –
'Cause 213 is amazin'.

There's Jamie and Peter and Mansi and Reid;
Nathan and Rob and of course Jamie D.;
Christine and Aaron and then Lindsay B.,
Then the guy who does all the teachin'.
It's Walter F. Smith but we call him Foxy –
Physics 213 is amazin'.

There's Euler and springs and drive frequencies;
Looking at Q we know the quality.
We excite normal modes and watch 'em go swingy.
And when these equations need solvin',
Hilbert space has all the solutions to be –
Physics 213 is amazin'.

Standing waves helped us to move along the way;
 N masses, N modes, and a Mr. Fourier,
Whose analysis led us and enabled us to say,
"Any function periodically changin'
Has sines and cosines and a half constant 'a'" –
Physics 213 is amazin'.

We finished the term with propagating waves.
We've learned of envelopes and group velocities.
Dispersion relations are omega versus k –
And Quantum we are a-cravin'.
Notes of the class we hope you'll all save –
'Cause 213 was amazin'.