

Coupled Oscillators Song
by Marian McKenzie, 10-2-01
(To the tune of “Cigareets and Whusky”)

Instrumental Intro (slow):

D G D7 A D A7 D

D G D
When paired oscillators begin their beguine

D D A7
They show a behavior that’s nifty and keen!

D D7 G D
They always take turns as a pair of twins should --

D A D
We saw one start swinging, the other just stood.

Chorus:

D G D
Oh oscillators! I love, love, love you!

D A E A A7
You teach me so much that I never did know - -

D D7 G D
Oh oscillators! I love, love, love you!

D A D
One pendulum stops so the other can go.

D G D
Just look at the graph where we plotted each beat --

D D A7
The envelope’s patterns are totally neat!

D D7 G D
The marriage of modes yields this pattern divine,

D A D
Where breathing and swinging in passion combine.

(Sing Chorus again)