A Physics Utopia Words & music by Walter Smith 2-01 Chords by Marian McKenzie 3-27-01

G C	F		C G	
Together l	let's buil	d a ne	w nation	
F		C	G7	
That's fou	nded on	truth	and on lov	ve
G C	F		C (G)	
No war, n	o disease	e, no p	rivation,	
F	G7		C	
Our senat	ors bless	ed fro	m above.	
F			C	
But what i	in this co	ountry	so gleami	ng
G7			C	
Shall our g	guiding	princi	ple be?	
F	7	_	_	Em
O what so	ng from	our li	ps shall be	streaming
D			G	
As we mai	rch so vi	ctorio	usly?	
G7				
Why				
· · J				
C	F	C = C	Ţ	

Faraday's law of induction

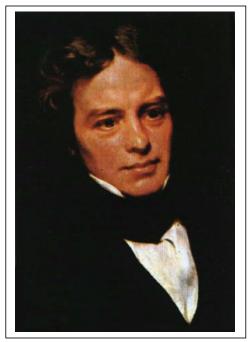
FCG7

The law of all sea and all land-
GCFCG

No lies, no deceit, no corruption

FG7C

In this law so complete and so grand!



F
Our children will sing it in chorus –
G7 C
"Circulation of vector cap E,"
F Em
Yes they'll sing as they march on before us,
D G
"Equals negative d by dt
G7
Of
C F C G
Magnetic flux through a surface,"
F C G7
They'll conclude as we strike up the band.
G C F C (G)
We'll mark all our coins with our purpose
F G7 C
"On Maxwell's equations we stand!"
F C
It's Faraday's law of induction
G7 C
That allows us to generate pow'r.
F Em
It gives voltage increase or reduction
D G
We could sing on and on for an hour
,, o court 21118 ou mile ou 101 mil 110m
G7
About

Faraday's law of induction

G C

The law of all sea and all land--

No lies, no deceit, no corruption

G7

In this law so complete and so grand! © 2001 Walter Fox Smith

C (G)

