

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

G C F C G  
**Together let's build a new nation**  
F C G7  
**That's founded on truth and on love--**  
G C F C (G)  
**No war, no disease, no privation,**  
F G7 C  
**Our senators blessed from above.**

F C  
**But what in this country so gleaming**  
G7 C  
**Shall our guiding principle be?**  
F Em  
**O what song from our lips shall be streaming**  
D G  
**As we march so victoriously?**

G7  
**Why --**

C F C G  
**Faraday's law of induction**  
F C G7  
**The law of all sea and all land--**  
G C F C (G)  
**No lies, no deceit, no corruption**  
F G7 C  
**In this law so complete and so grand!**



<sup>F</sup>  
**Our children will sing it in chorus –**

<sup>G7</sup> <sup>C</sup>  
**“Circulation of vector  $\text{cap E}$ ,”**

<sup>F</sup> <sup>Em</sup>  
**Yes they’ll sing as they march on before us,**

<sup>D</sup> <sup>G</sup>  
**“Equals negative  $d$  by  $dt$**

<sup>G7</sup>  
**Of --**

<sup>C</sup> <sup>F</sup> <sup>C</sup> <sup>G</sup>  
**Magnetic flux through a surface,”**

<sup>F</sup> <sup>C</sup> <sup>G7</sup>  
**They’ll conclude as we strike up the band.**

<sup>G</sup> <sup>C</sup> <sup>F</sup> <sup>C (G)</sup>  
**We’ll mark all our coins with our purpose --**

<sup>F</sup> <sup>G7</sup> <sup>C</sup>  
**“On Maxwell’s equations we stand!”**

<sup>F</sup> <sup>C</sup>  
**It’s Faraday’s law of induction**

<sup>G7</sup> <sup>C</sup>  
**That allows us to generate pow’r.**

<sup>F</sup> <sup>Em</sup>  
**It gives voltage increase or reduction --**

<sup>D</sup> <sup>G</sup>  
**We could sing on and on for an hour**

<sup>G7</sup>  
**About --**

<sup>C</sup> <sup>F</sup> <sup>C</sup> <sup>G</sup>  
**Faraday’s law of induction**

<sup>F</sup> <sup>C</sup> <sup>G7</sup>  
**The law of all sea and all land--**

<sup>G</sup> <sup>C</sup> <sup>F</sup> <sup>C (G)</sup>  
**No lies, no deceit, no corruption**

<sup>F</sup> <sup>G7</sup> <sup>C</sup>  
**In this law so complete and so grand!**

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