Induced voltage:
$$\mathcal{E} = -\frac{d\Phi_{B}}{dt}$$
; $\mathcal{E} = -N\frac{d\Phi_{B}}{dt}$

$$= -\frac{d[BA\cos\theta]}{dt}$$

 $\begin{cases}
\frac{1}{2} = -N \frac{\partial \Phi_{B}}{\partial t} = -N \frac{\partial A}{\partial t} \frac{\partial A}{\partial t} \frac{\partial A}{\partial t} \\
\frac{1}{2} = -N \frac{\partial A}{\partial t} \frac{\partial A}{\partial t} \frac{\partial A}{\partial t} \frac{\partial A}{\partial t} \\
\frac{1}{2} = -N \frac{\partial A}{\partial t} \\
\frac{1}{2} = -N \frac{\partial A}{\partial t} \frac{\partial A}$

Emax = NBA W