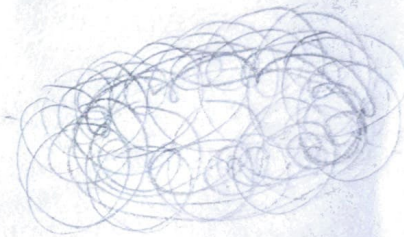
"Things are more connected than they seem to be"

SETH RICKS

Seth Ricks



ECEN 240-02

Seth Ricks

Math Sketchbook

$\frac{1}{0} = \infty$

$\frac{1}{\infty} = 0$

$\frac{1}{\infty} = 0 \cdot \infty = 1$

$\frac{0}{1} = 0$

$f = \frac{1}{x}$

Perhaps $x \to 0$, $f \to \infty$

Wait, so $\infty = \infty$?

$(a-b)(a+b) = a^2+b^2$

$a+b = \frac{a^2+b^2}{a-b}$

if $a=b \to \frac{2a^2}{0}$

$\frac{0}{0} = 0 \cdot \infty$

$= 0 \cdot 8$

$= 0$

$0(a+b) = 2a^2$

$0(2a) = 2a^2$