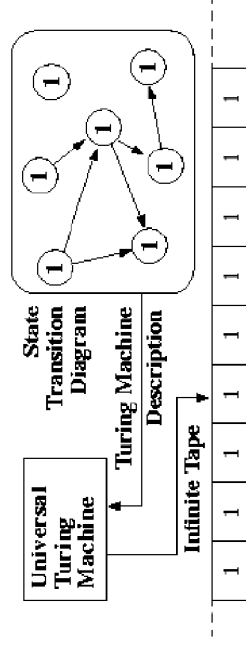


# 1 Complexity

One makes computers more efficient if one removes the useless 0's between the 1's. Here's a turing machine:



**Corollary 1.1.** *The halting problem is solvable.*

*Proof.* Halt at 1. □

There is only one

A zine for those who want to  
become one with one.

“One One” was a racehorse,  
“One Two” was one too.  
“One One” won one race.

12112

# 1 There is Only one

In their 1985 single, “One Vision”, the British rock band *Queen* outlined the following research program:

So give me your hands, give  
me your hearts

I’m ready!

There’s only one direction  
One world and one nation

Yeah, one vision

– Queen, “One Vision”

1

# 1 Foundations

**Definition 1.1.** For anyone,

$$1 + 1 = 1$$

$$1 - 1 = 1$$

$$1 \div 1 = 1$$

$$1 \times 1 = 1$$

There is only one function,  
and it is 1-to-1.

$$f(1) = 1$$

and one relation:  $1 = 1$

1

# 1 Topology and Geometry

Here is a true statement:

There exist two manifolds,  
 $M^m$  and  $N^n$  with  $n > m$ ,  
 but  $N = M \setminus \{*\}$

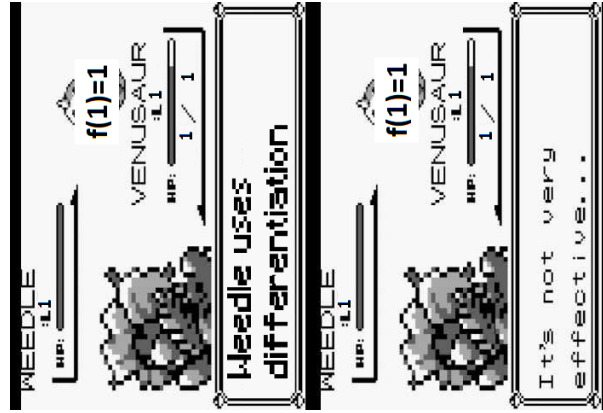
Here is another true statement

All manifolds are isomorphic.

**Q:**What do you call an empty manifold?  
**A:**Pointless.

# 1 Derivatives

$$f'(1) = \lim_{h \rightarrow 1} \frac{f(h+1) - f(1)}{1}$$



# 1 Calculus

**Theorem 1.1.** *Every sequence converges.*

*Proof.* Consider a sequence:  
 $1, 1, \dots$ .  $\forall \varepsilon = 1$ , we have:

$$|1 - 1| = |1| = 1 = \varepsilon$$

□

**Corollary 1.1.** *Every series converges.*

This is left as an exercise to the reader.

# 1 Algebra

There is only one group. Hey look! It's your friend group!

You ●

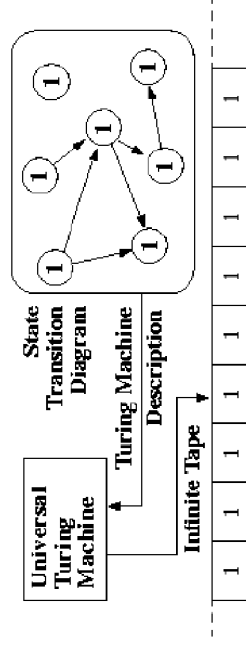
The one ring.



Did you miss it?  
Thanks for calling.

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