

Logic Circuit

A and B

A or B

A not B

Boolean logic is the stuff that computers are based on. We rely on computers to do nearly every function that Hu-Mans have done since the beginning. Before you reject that statement out of hand consider that dialysis machines are computer operated and replace kidney function. Heart/Lung machines are computer operated. Cash registers count your money and I know firsthand that when all of the registers quit in a Big Box Store that the employees are helpless to do a transaction. Partially because no one can do math in their head or on paper (that's what CALCULATORS are for) and partially because it somehow isn't an official transaction without the computer printout.

I had a conversation with two business people of two generations difference. The younger woman said that her contemporaries have no short-term memory. She said, "Why would they need it when it is all on their handheld devices?"

"We are Borg, you will be assimilated."

No matter how smart you are if you have no memory you cannot make a decision. This means that decisions are being made for you.

If you read Ferdinand Lundberg's book, The Rich and the Super Rich, 1968, then you will know who it was that exposed the Silent Weapons for Quiet Wars secret: That legions of geeks in business suits use battalions of computers to measure your life in numbers and can 'shock' the system to make you do their will. Isaac Asimov the science and science fiction writer did a series Foundation where he postulated that ALL of Hu-Man behavior could one day be reduced to an equation and you could PREDICT AND DIRECT ALL of Hu-Man behavior by manipulating those equations.

You have been reduced to a Fractal. Resistance is Futile.

Or so the story goes.

Resistance is **Fertile**.

That's what **I** say.

Since we rely on logic circuits and Truth Tables for nearly every aspect of our lives it would seem logical that we would understand the principles behind them.

But no one does.

You were GIVEN an education and probably dutifully learned everything *They* wanted you to know. If you were like me in Third Grade (that keeps coming up) and were exposed to Boolean Logic and different Base Numeration systems then you might have imprinted on it and realised its significance. If you were more interested in Smith Brother's Cherry Flavored Cough Drops, Tootsie Rolls, the blonde girl next to you and Recess, then you might have totally forgotten Boolean mathematics.

$$0 \text{ and } 0 = 0$$

$$0 \text{ and } 1 = 0$$

$$1 \text{ and } 0 = 0$$

$$1 \text{ and } 1 = 1$$

$$0 \text{ or } 0 = 0$$

$$0 \text{ or } 1 = 1$$

$$1 \text{ or } 0 = 1$$

$$1 \text{ or } 1 = 1$$

The A **not** B function would imply that any value of B that did not agree with A would not get through. Yup. Sound like Religion to me. This circuit is called an Inverter and it is the digital equivalent of Opposite Day. Whatever goes in – the Opposite comes out. I would like to see how Boolean Mathematics compares with the cultural A **and** B, A **or** B, A **not** B of Cultural constructs as Dan McCarthy outlined. My textbook says to avoid confusion Binary Mathematics with Boolean Mathematics because they are not the same thing.

This is slightly confusing since the Boolean equations are represented with mathematical symbols such as the (\cdot) for the x's symbol of multiplication for AND functions and the + sign for the addition symbol of the OR function UNTIL you think this a few layers deep: The Tao is the symbol of the Dark and Light with the Spot That Taints each. It seems that the Chinese recognize in Nature that there is a Dynamic Balance between the two but also you never find purity in either.



But, then, Dan said that the Chinese DO NOT TOLERATE EVIL!

So, let us examine again the Boolean Truth Table as it is presented with the Mathematic Operators:

$$0 \cdot 0 = 0$$

$$0 \cdot 1 = 0$$

$$1 \cdot 0 = 0$$

$$1 \cdot 1 = 1$$

In Multiplication, Zero Times any other number is Zero. If we assign Zero to Evil, then when you try to multiply it by itself or Good IT ALWAYS COMES UP **EVIL!!!!!!!!!!!!!!**

It seems that ancient cultural wisdom and Boolean mathematics are in agreement.

These are digital computing Truth Tables. You run a series of data through the AND, OR, NOT circuits and the output is the value of the thing under analysis. Unless there is a physical problem with the components of the circuits or if the data arrives in conflict with the clock pulse then you will get an accurate answer every time.

In critical thinking there are also truth tables for statements:

ALL variable A is variable B

No variable A is variable B

Some variable A is variable B

Some variable A is not variable B

It is best to take a course on this because I would have to write a book to explain my version of it. (might do that some day if the world doesn't go up in a flaming ball of dung).

A syllogism is in the form of:

Jack is a Hu-Man.

All Hu-Mans are bad.

Jack is bad.

Typical Christian 'logic'. The first statement can be said to be true all of the time. The second statement cannot (unless you are a dogmatic religious person who wants to blame Jack and all of his friends for the mess that God made). Since the conclusion is based on two statement that are not both True All of the Time, the conclusion does not hold.

Roses are Red.

Roses are flowers.

All flowers are Red.

All Roses are Red.

All flowers are Roses.

Not ALL roses are red. Not all flowers are red. Not all flowers are roses.

But you KNEW that. You understand the other Third Grade construction of mathematical Sets and Subsets. You only need three intersecting circles to prove the validity of a Sound Syllogism. If the premises are true, then the conclusion is guaranteed to be true.

But when it applies to Religion – all logic is thrown out the window with the Baby and the Bathwater. It's a long way down.

Epicurus around 321 BC constructed an unanswerable Truth Table:

**Is god willing to prevent Evil but not able?
Then he is not Omnipotent.**

**Is he able but not willing?
Then he is Malevolent.**

**Is god both able and willing –
then whence cometh Evil?**

**Is he neither able nor willing –
THEN WHY CALL HIM GOD?**

This is a computer program before there were computers that you can run the data through in Ones and Zeroes to see what comes out the other end. If you try to force an answer that isn't there then the computer program crashes along with your 'logic'.

Peter Pan is a boy.
Peter Pan can fly.

Peter Pan is a flying boy.

This statement is sortof true but only in the realm of the assumed subset of Fiction. It is a Given that Peter Pan is not real so you can talk about it as fiction but any relation to Reality is metaphor and analogous.

There is only One God.
God is all-powerful.

There is only one all-powerful God.

Fine. Except for two things. God is a fiction that has never been demonstrated to be scientifically true in any case in 6000 years AND EVERY CULTURE holds to this syllogism, which means there are THAT MANY **only-one** all-powerful gods. No wonder god has a fractured psyche.

Again, sets and subsets, logic circuits, etc. The typical response to such a logical impasse is "My god is the only god and if you don't believe that I will kill you." Sound harsh? Before you lay that at the feet of the Muslims, then actually read the Bible and how that played out with the migration of their half-brothers and how well it worked for the Protestants and the Catholics during Colonization, Witch Trials and Inquisitions.

This is the equivalent of pulling the plug on the computer when it gives an answer you don't like. That you can speculate about this construct called God in the same way that you can Peter Pan does not give it any more credibility.

If I were to talk enthusiastically about Peter Pan (and you didn't have me locked up) you might demand that I produce him and have him demonstrate his flying ability. You might even put him on a lab table and dissect him to find the Flying Gene. Or run the Pixie Dust through an atomic furnace or chromatograph to have its components analyzed. We are inundated by those who talk enthusiastically about God and his miracles but just like Gold and Silver Certificate Dollar Bills no one can produce him or what was supposed to be guaranteed to be behind him and his promises on demand.

Maybe he's shy. Maybe he's busy. Or my favorite Bible quote against his Brother Ba'al: Maybe he's on the toilet.

Wishing does not make it so.

Millions of people wishing for the same thing gives the comfort of Mass Delusion but that also does not make it so. If millions were praying for world peace, yet it does not come – wherein LIEs the problem? New syllogisms are created that *the million were not faithful enough, or the time was not right, or god's mysterious plans had other intentions.*

$500,000 + 500,000 \neq 0$

Perhaps if they were DOING instead of PRAYING then something might occur.

Faith and a bus ticket might get you somewhere.

Napoleon is supposed to have said, "*Religion keeps the poor from killing the rich.*"

As you well know, we do not advocate violence.

The Chinese, however, teach that if you leave a rake in the garden with the tines up and step on it, it will rise to hit you with equal force. This is the balance of the Tao.

Christians are taught, '*turn the other cheek*', become martyrs, pray for your enemy, obey the government, '*those who live by the sword die by the sword*', etc. Those who do not live by the sword die terrible deaths from it; yet I have never seen that in the Bible.

The pivotal point in many people's lives is when they are put into a joint-lock for the first time by a Martial Artist. It is then that they realize (an epiphany if you will) that their bodies can be controlled by an outside force against their Will. Often they will take up the study of self-defense in order to learn how to maintain control over their own life and person. Until you reach that point of understanding how much your psyche has been controlled by the different LEAVES on the Tree of Religion that really has ONLY ONE SOURCE then you will never get to the point of studying enough to take that control of your life back. Yes, I am saying that there is only one god-thing – but that is a whole nother project.

And you're not going to like what you see.

So start practicing to get your skills up.