

VALID or Invalid

Bonus: Suppose an argument has inconsistent Premises (All the premise can not be true) — ?

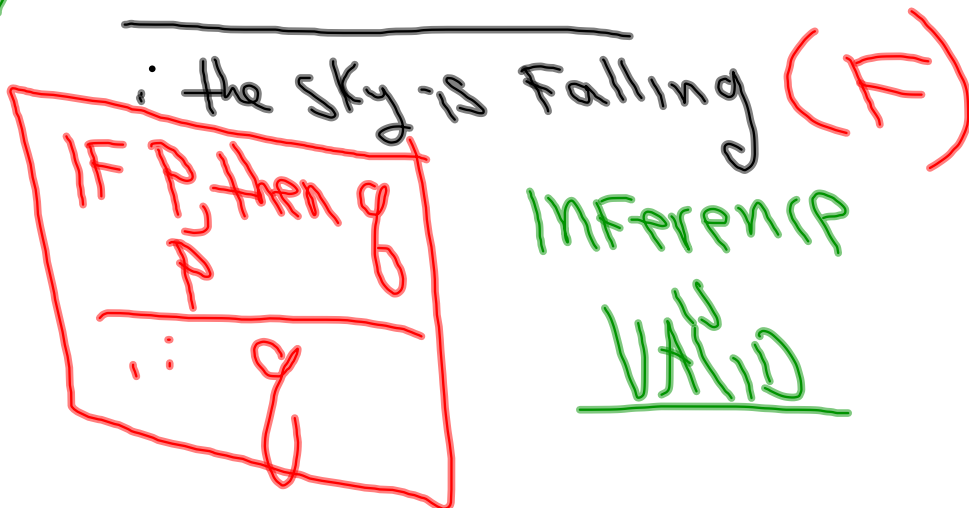
VALID

2

INVALID

All the rest

- Ⓣ 1. IF Today is Jan 30, then the Sky is Falling
- Ⓣ 2. Today is Jan 30



IF it is raining, the
the streets are wet.

INDUCTION

Deduction

IF Its raining

∴ the streets
are wet

INDUCTION:

the process of reasoning
that's that whatever patterns
have occurred in the past
will continue to occur
in the future!

Psychologically effective
but logically very weak.

The study of these types
of "arguments" Fallacies
"INVALID"

Newt G. would be a Terrible President (?)

Because he has
No 3-ives

AD Hominem
Instead of
Focusing on a
conclusion -
one draws atten
to Personal
characteristics!

concl. Jennies work on
→ Differential equations
must be Flawed

— Because she is easily
angered.

Don't eat at
Jerry's diner

I ate there once
and got sick

My sister will not
visit Tucson

She came here once
and it rained for
three days (she
was expecting sunshine)

Post hoc ergo

Propter hoc Fallacy

"False cause"

AFTER "This" + therefore
caused by "This"

My Aunt died in
the hospital shortly
AFTER getting a
shot of insulin.

Therefore the insulin
was the cause of death

True

Logos

— ~~Fortuna~~

Emotions

Mystery

"see" an object -
most can identify

(T. |||||
.....||

What is the
"essence" of
"Tablehood"

What makes X
a table and
not something else

World -
Forms and Ideas

Universal

Particular

that
apply

Law of Large numbers

$\boxed{.000001} (X)$ X being large