



general
imprecise language

Limited

Program -
action
data

Problems



English



mathematical logic



Prose
Proofs

Proposition

Statement $\left\{ \begin{array}{l} F \\ T \end{array} \right.$

Connective words

and

P	H	P & H
f	T	f
f	f	f
T	T	T
T	f	f

and — True iff both true

or — either or both
xor

nor

either but not both

implies iff

Karsup or mixed

here or to go

or

xor

P	H	P H	P ⊕ H
f	f	f	f
f	T	T	T
T	f	T	T
T	T	T	f

X if Y

Causality — not part of our logic