- · Specification by means of properties to be satisfied

 Imple = Property
- · Modal (bocal : either immediate or consecutive properties)

<a>> F : possible a and then F

[a] F: whenever we execute a later F

- · Global temporal proporties still missing
- · Semantics capture the intended meaning :

Key fact: p → ⇔ p ⊨ [a] ff

· Negation can be represented by duality

PHF PFF (therefore FC ~ 7F)

Immediate consequence: formulas have no moral

We can specify impossible requirements: FAFC.

· Semantics of CCS by means of formules :

Just playing with $p \models F$ the other way around $P \sim q \iff (\forall F (p \models F \iff q \models F))$

Technical requirement: only works for image-finite procs.

- An apparent contradiction: finite formulas fully characterize the behaviour of arbitrary processes

 Because an infinite set of finite formulas "perfectly approximate any "infinite property"
- . Next we will add recursive formlas that will capture those "infinite properties" in a finite way.