The Egg, Chicken and the Rooster Designing Triadic Relations When Doing Cybernetics

Judy Lombardi, ph.d.
American Society for Cybernetics
Washington DC
October 2005

Heinz von Foerster's Triadic Relation (sort of)

Anything said is said *by an* observer, observers make descriptions Anything said is said *to an* observer hence language -- languaging Languaging establishes connections and the nucleus of any society

Observers

Languaging

Society

Premise:

Observers, constitute the nucleus for a society --> the "social"

SOCIAL

Social

social

SOCIAL Social social

SOCIAL - people all that we construct, make and do.... (I know other organisms are social creatures too and communicate.)

Social - all that we are socialized to do that generates hierarchies

social - all that we humans do in mutual respect, hence not all human relations are social relations

Back to Heinz's Triadic Relation (sort of)

Anything said is said by an observer, observers make descriptions

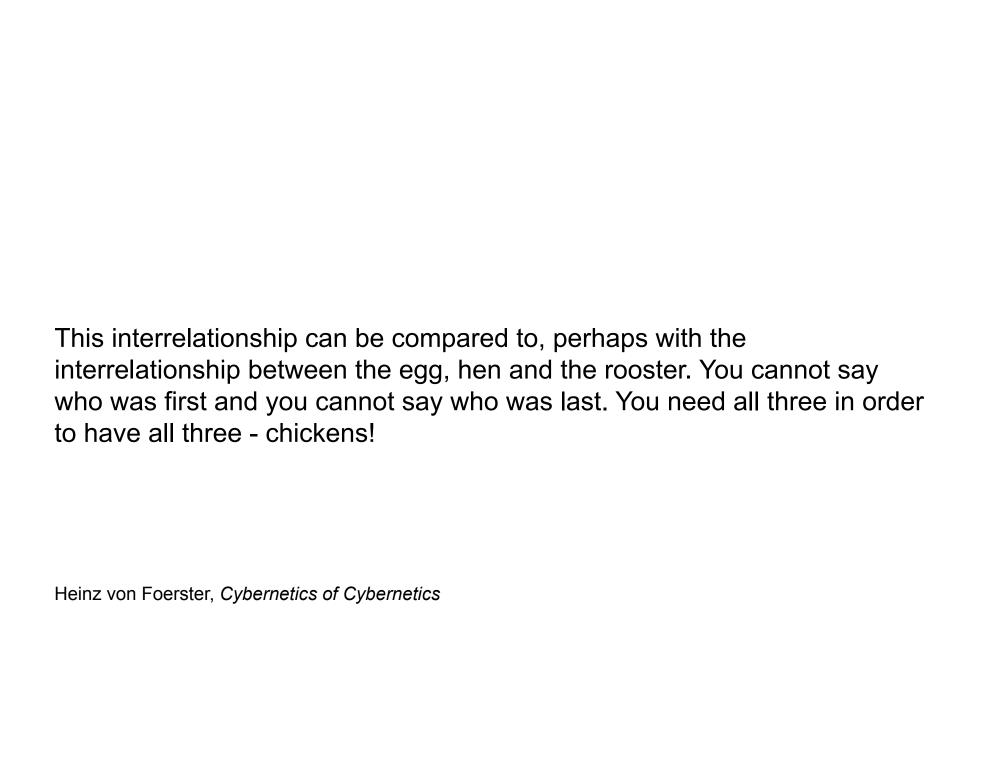
Anything said is said to an observer hence language, really languaging

Languaging establishes a third related concept: society a SOCIAL system

(observers)

languaging

society



Morals Ethics Manners

Communication anticommunication decay of information Conversations Conflict Contradictions

Premise Regarding Conversations

Networks of languaging generates networks of conversations

Networks of conversations generates subcultures

Networks of subcultures generate a society.

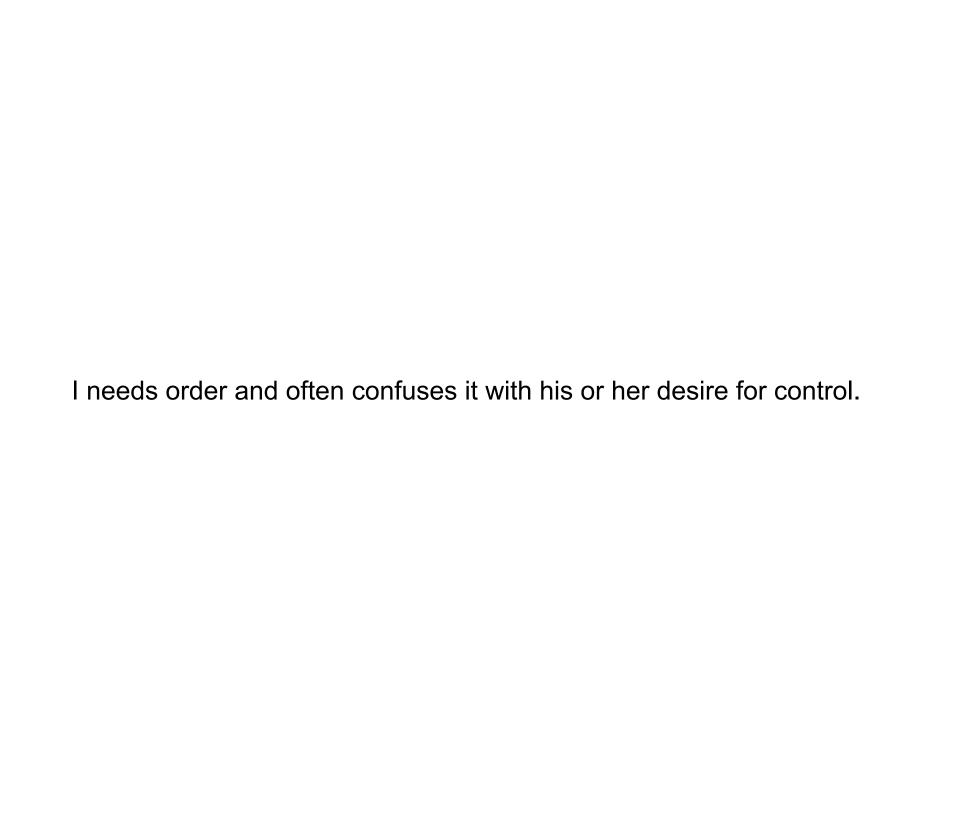
Premise:

Conflict requires a change in the system.

Contradiction requires a change of the system.

I like this distinction it speaks to me....

needs wants desires



My desire... via a false statement:

I not only needs peace But wants peace.

1st order 2nd order 3rd order

recursions repetition insistence

allopoiesis autopoiesis ???

Structural Determinism Radical Constructivism **Social Systems** Social Structures Floating Hierarchies Consensus Model

adaptation assimilation accommodation

Makes for thinking people...

See video Piaget