

Some fundamental lock upon which hisarchies Some nature that allows locking at 5 cope Hagning the idea of rules and some combitates But what are the rules ?? -> notion of replicating dug like much

bottom From Physical world Bruding Particle from Binding between X, O purtueles in physical and internal worlds. Internal particle I had souds when to this space when & particles in close Proviously in space above Anther overlay grid internal space Ocan bind to O can bind to . when X present at . Zean bund to & when 8 0 present at

hierarchy

grid at

Pant in space/ balance profons/ Larcoping murk Parereble I hen aucthor arceping must not emitage to one grouping. To break apost or get to another grouping. representing Ancturer way of grouping is to say
some objects must be present for
for objects to exist in the state Jhen So Q1) nhat 15 present QZ) implies sub objects --Another way to say is an of sub of sects. Stable in the sense there is Sume sort of balance octusion abjects of a specific type for example.

this brings In the idea of local in a mollipainenscenal equation. there is some stable groping of elements at a local mining and you can exit in a local mining Again this implies grouping how do you track a relationship between a subset of objects? One wan is to tay objects with an 18.

Buck to Quantum/ effects Hierarchica (Clastifier Symbols Lecalit thrushold, riggler, something unique emergent Bearch trial/error 20mpression minimal banto cus form B19920 Quantum Defining raportion that produces order

Partica De Randont Structure Dajucken Mynimum dates - Constituant

Structure yeth maximum
uncount of Local minua to instanciate object or stone state

While is a system that is conducive de hierarchical structure? which characteristics? - Varied components - right 905 - right coupling There is known of a geaven function. A kind of evalutionary Unwinding. that happens at multiple levels Similar to quantum environment where o's jed can be at multiple positions or states Then sometime happens that forces a specific state what is a state anyway How does hat relate to coupling. The dag is/own in it's house hends or fails showing on the coin Hydrogen and Oxygen Combine to form water water + eloctricity - Hudrogen + oxygen How to represent combinations of things 1-hat

	Quantum Physics
	(Xuantum Prysics
,	- Many Possible Paths coexist simultaniasty
	- Possibly as Paths
	- Each Path has a probability
	- States/Events can eluminate Paths
	- when observed you have cluminated
	te a songle path
which the of the contract of t	

gymod Cocurrent LIKE Quantum Physics

Emergent Structure Build vs Determine Quantum sense everything sightly many thinks possible Same variable locks constrained Segventral insystem by mere information Can be chain reaction libere only enclosing fits Structure regults when imprebably events determine system x / Y / Z con srequences Large decoupling

Some Sone Subcyshen

Event sleve Lock and

Syshem State

Decoupling Selection