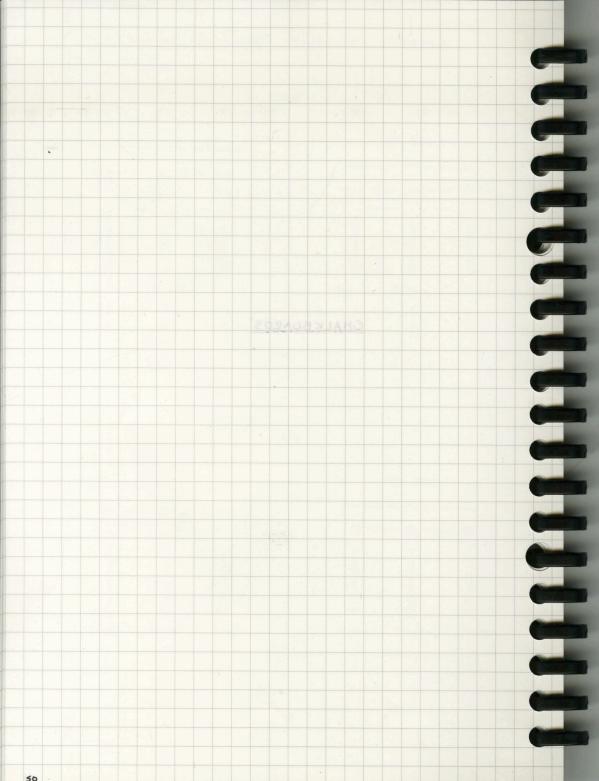
CHALKBOARDS



MECHANICS -

1 Partice

PHYSICS

modeling the unverse

三 つ

M2= 12/0050 SPIN (classical) R

(m/+/m/) 1

ACTUAL! M2-t/2 DISCRETE DINITE Spin-X

(NEW TO QM

POSITION & MOMENTUM

ACTUAL: L> DISCRETE, FIMTE (some as classical)

CONTUGATE, CXCP 22

STATUS [Pas/mone] (Same as classical) ACTUAL DAFF Jeds>/ CANONICALLY PERSONS [particles] ACTUAL: D& (Spr.] (EMOTION (clussial) FEELING 一工事门

MHY ARE ALL MEASUREMENTS TINTE & DISCRETE?

1. ORIGIN
Particles: D&F
observables: D&F

by "nature"

Figures of CERTINAL

Sistem of CERTINAL

Schooles, D & F.

by PROCESS

(of constructives raulity)

2. POPESIS

NHY ARE ALL INTERNATIONS FINITE & DISLOCTE?

1 ORIGIN

persons. D&F

Interactions, D&F

2 Polesis

PESSONS. I IC Process of Communications.

Interactions: D&F

y PROCESS

of cleating idetoriships

higher emost, more SHAMES OF COMPULATION TEMPORALLITY & Same & MUTABILITY & Same & Same & MUTABILITY & Same & Sam "LOVES ME" "LOVES ME NOT" IT'S COMPLICATED emot-1: (8) (9) emot-12. 1997 1387 12, 27 (2, 2) Spin-2 1+2> 1-2> higher spin, more based

J-"DO YOU LOVE ME" Q-"DO YOU LICE ME" 10) = 10, 100> + C2, 100> I LOVE YOU' LIKE YOU' LOVES ME LOVES ME NOT OVE QUESTIONS OBSERVER emot-1, general states

Frob of Frought COVES ME Trough COVES ME

C. LOS ONE NECESSARY OF ALL MEOSUREMONAS => u emot states need not be normalized $| \otimes \rangle - - | | \otimes \rangle - | \otimes | | \otimes \rangle$ produces CAPANSE ANSWER a measurement: produces CHANGE

 $\sqrt{2}$ OTHER (10) 100 / (10) LHAY 1882, (10) LHAY 10/1/1 (3010°, 190), (0310°, 180), (0810°, 180), (0) (1) (0) (0) (1) (0) (0) (0) have to define operation of L on 100%? (0 0 1) (- 100) matrix mechanics: