

EXTRA EXTRA CREDIT (1-5 pts)

Name up to five other common LQs not listed
in lecture. (1 pt per valid LQ)

SUPPLEMENTARY NOTES

QUANTUM ROMANTICS.

YOU

$$|\heartsuit\rangle_Y \longrightarrow \text{"LOVES ME"} \quad \begin{pmatrix} 1 \\ 0 \\ 0 \end{pmatrix}$$

$$|\heartsuit\heartsuit\rangle_Y \longrightarrow \text{"LOVES ME NOT"} \quad \begin{pmatrix} 0 \\ 1 \\ 0 \end{pmatrix}$$

$$|\heartsuit\heartsuit\heartsuit\rangle_Y \longrightarrow \text{"IT'S COMPLICATED"} \quad \begin{pmatrix} 0 \\ 0 \\ 1 \end{pmatrix}$$

$$|\heartsuit\rangle_Y = c_1|\heartsuit\rangle_Y + c_2|\heartsuit\heartsuit\rangle_Y + c_3|\heartsuit\heartsuit\heartsuit\rangle_Y \quad \begin{pmatrix} c_1 \\ c_2 \\ c_3 \end{pmatrix}$$

emot-1 states.

ME

$$\hat{L}_M \longrightarrow \text{"I LOVE YOU"} \quad \hat{L}_M \longrightarrow \text{"I LIKE YOU"}$$

$$\hat{Q}_M \longrightarrow \text{"DO YOU LOVE ME"} \quad \hat{Q}_M \longrightarrow \text{"DO YOU LIKE ME"}$$

$$\hat{K}_M \longrightarrow [\text{KISS}] \sim \quad \hat{K}_M \longrightarrow [\text{KISS}] \cdot$$

love questions (operators).

ME \rightarrow YOU

$$\|\langle \heartsuit | \hat{L}_{M \rightarrow Y} | \heartsuit \rangle_Y\|^2 = ? \quad \|\langle \heartsuit | \hat{L}_{M \rightarrow Y} | \heartsuit \rangle_Y\|^2 = ?$$

$$\|\langle \heartsuit | \hat{Q}_{M \rightarrow Y} | \heartsuit \rangle_Y\|^2 = ? \quad \|\langle \heartsuit | \hat{Q}_{M \rightarrow Y} | \heartsuit \rangle_Y\|^2 = ?$$

$$\|\langle \heartsuit | \hat{K}_{M \rightarrow Y} | \heartsuit \rangle_Y\|^2 = ? \quad \|\langle \heartsuit | \hat{K}_{M \rightarrow Y} | \heartsuit \rangle_Y\|^2 = ?$$

$$\hat{L}_{M \rightarrow Y, ij} = \langle \heartsuit_i | \hat{L}_{M \rightarrow Y} | \heartsuit_j \rangle$$

measured probabilities.

PRINCIPLE PARADOXES OF QR.

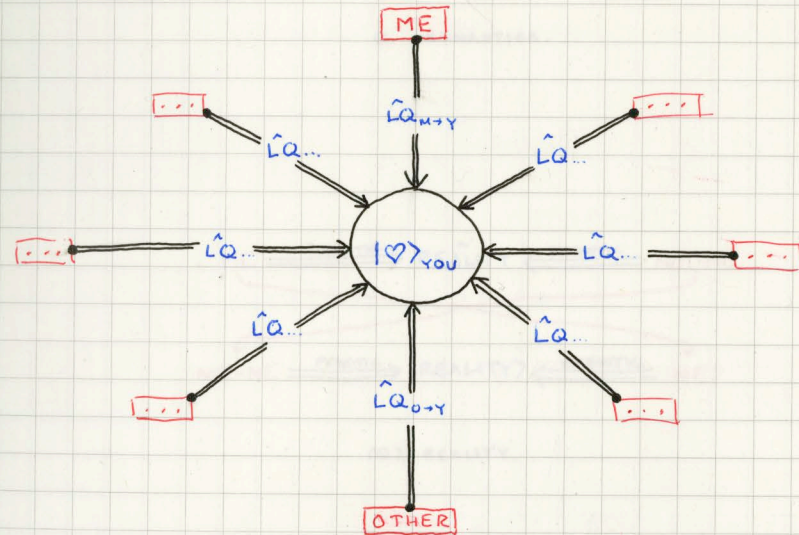
1. THE PRINCIPLE PARADOX OF INTERROGATIVE NECESSITY. (PP. 1N)

$$\|\langle \hat{\alpha} | \hat{\alpha} \rangle\|^2 = \text{UNDEFINED}$$

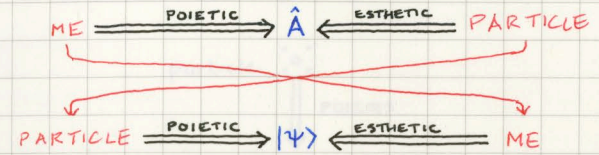
(the identity operator is experimentally meaningless.)

- i. LQs are necessary for ALL measurements of emot states.
- ii. emot states need not be normalized.
- iii. asked states must be normalized before calculating probability.

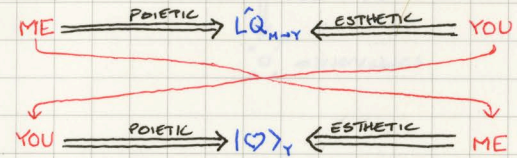
2. THE PRINCIPLE PARADOX OF SUBJECTIVITY. (PP. 1N)



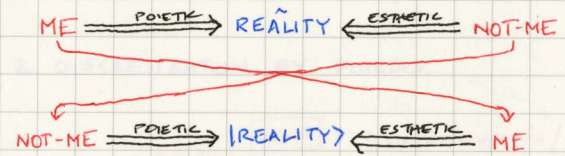
QUANTUM SEMIOTICS.



Q. MECHANICS.



Q. ROMANTICS.



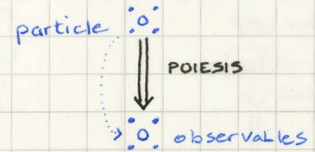
(Q.) REALITY.

ONTOLOGICAL CAUSALITY.

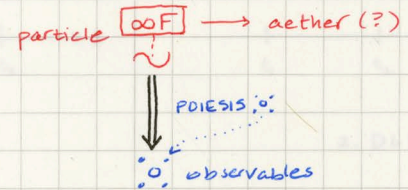
WHY IS REALITY $\circ\circ$ AND \circ ?

QM.

1. DISCRETIZATION BY ORIGIN.

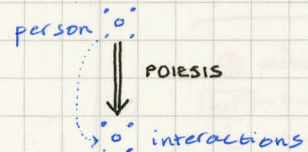


2. DISCRETIZATION BY POIESIS.

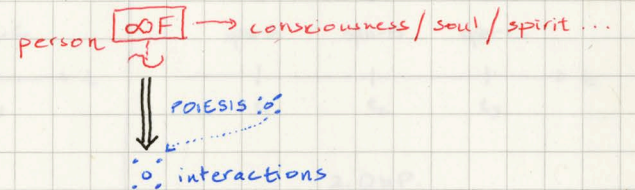


QR.

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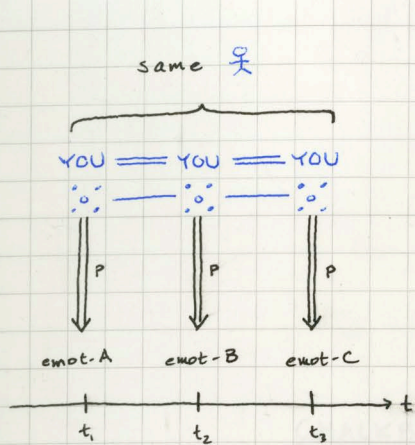


2. DISCRETIZATION BY POIESIS.

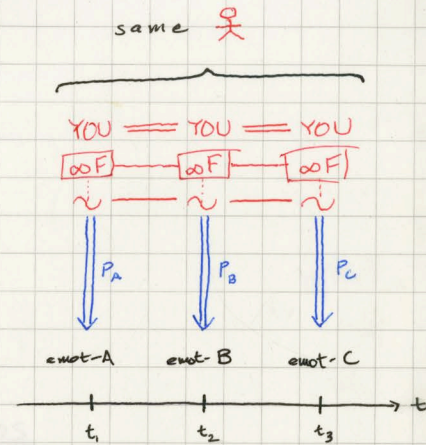


TEMPORAL MUTABILITY (THEORY OF CHANGE).

QR.

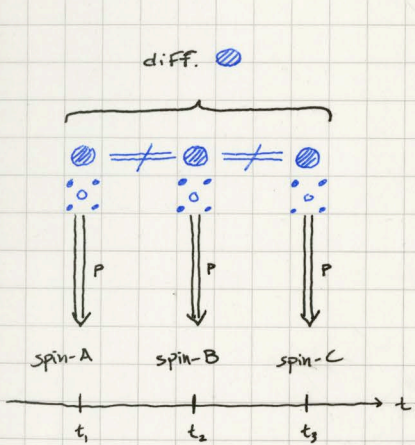


1. DBO.

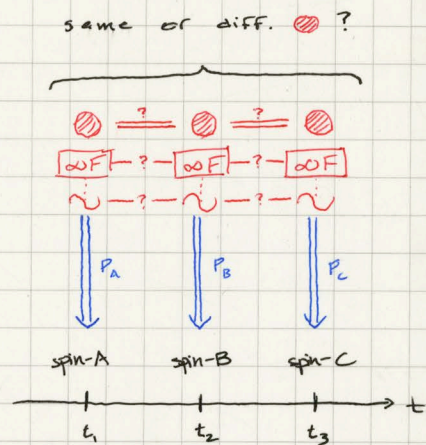


2. DbP.

QM.



1. DBO.



2. DbP.