

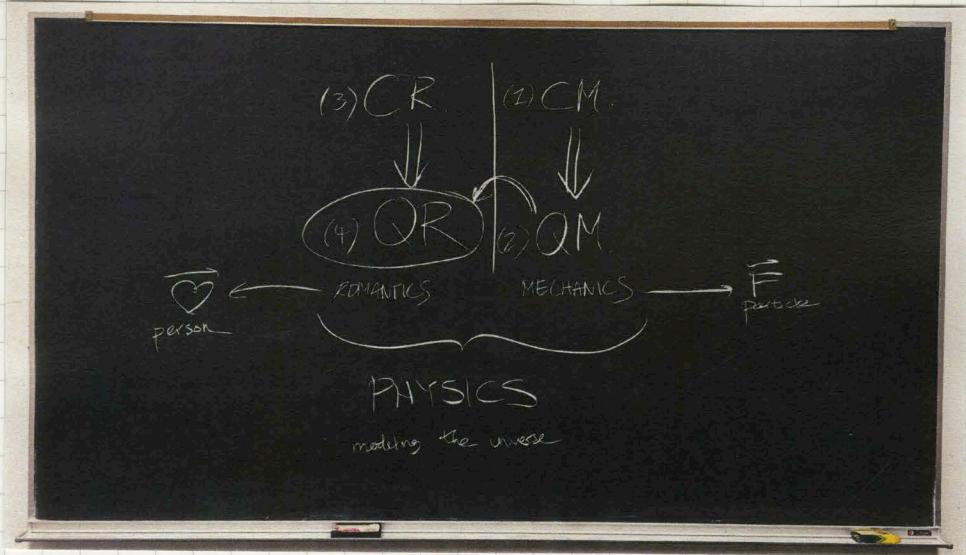
## LECTURE 1: FOUNDATIONS OF QUANTUM ROMANTICS

CONCEPTS, BASES, LQS (OPERATORS), PRINCIPLE PARADOXES

NOTES

ROMANTIC CONCEPTS  
BASIS  
LQS (OPERATORS)  
PRINCIPLE PARADOXES  
NOTES

## I. INTRODUCTION.



QUANTUM ROMANTICS FOLLOWS AFTER CLASSICAL ROMANTICS,

QUANTUM MECHANICS FOLLOWS AFTER CLASSICAL MECHANICS.

ROMANTICS & MECHANICS ARE SUBFIELDS OF PHYSICS,

MODELING SPECIFIC BEHAVIORS OF THE UNIVERSE:

LOVE & DESIRE IN PERSONS, FORCE & MOTION IN PARTICLES.

QUANTUM ROMANTICS & QUANTUM MECHANICS SHARE MATHEMATICS,

WITH NOTABLE EXCEPTIONS.

NOTES.

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PROBLEMS OF POLITICAL PARTIES (POLITICAL SCIENCE)

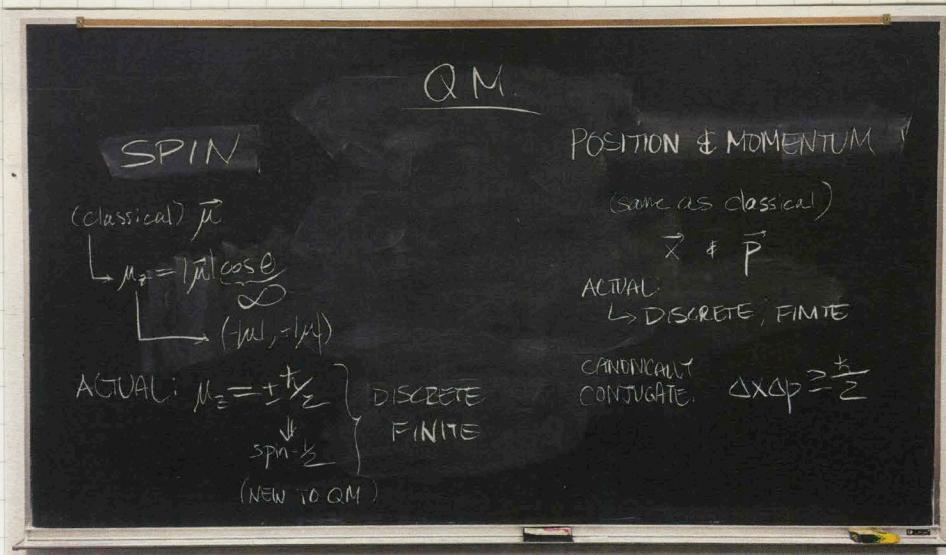
(POLITICAL SCIENCE) PROBLEMS OF POLITICAL PARTIES

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## II. CONCEPTUAL OVERVIEW.



### 2.1 QM REVIEW.

SPIN IS NEW (NOVEL), RELATED TO MAGNETIC MOMENT.

SPIN HAS FINITE POSSIBILITIES OF DISCRETE VALUES.

MAGNETIC MOMENT SHOULD HAVE INFINITE POSSIBILITIES

WITHIN A CONTINUOUS RANGE OF VALUES,

BUT IS FINITE & DISCRETE IN REALITY. HENCE, SPIN.

POSITION & MOMENTUM ARE (RE)NEW(ED).

THE SAME CONCEPTS NOW HAVE FINITE POSSIBILITIES OF DISCRETE VALUES.

POSITION & MOMENTUM ARE CANONICALLY CONJUGATE:

SIMULTANEOUS KNOWLEDGE OF BOTH IS IMPOSSIBLE.

NOTES.

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ПРИЧЕМ ОТ СОСТАВОД КОМПЛЕКСА ДЛЯ МОТОРОВ

СОВСЕМ ПРЕДСТАВЛЯЮ РЕЗУЛЬТАТЫ ДЛЯ МОТОРОВ

ПРИЧЕМ ВСЕГО ВСЕГО ОДНОГО ЭКСПЕРИМЕНТА

СОВСЕМ ПО СВОИМ РЕЗУЛЬТАТАМ А ПРИЧЕМ

МОТОРЫ БЫЛИ ПУЩЕНЫ В СТАРТЕ И ОСТАЛИСЬ ТАКИ

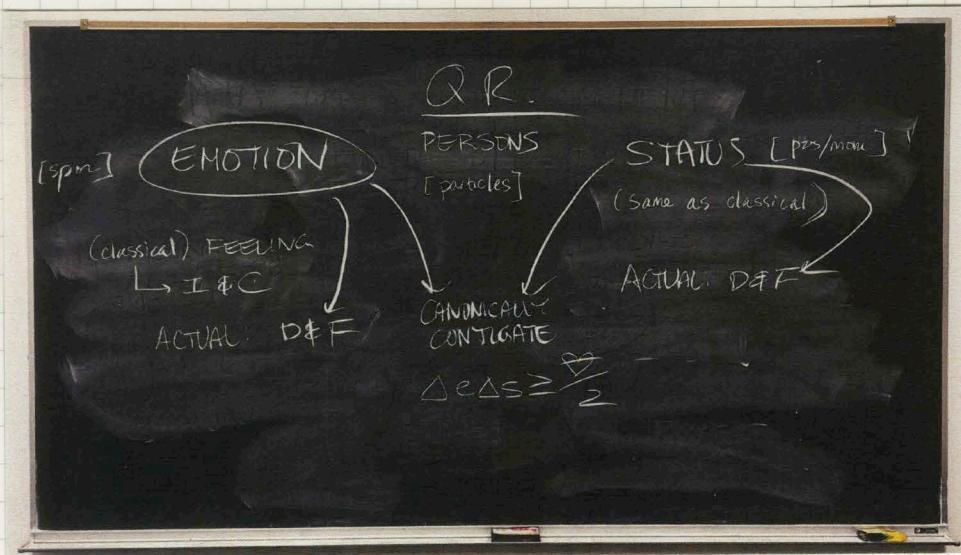
СОВСЕМ ПО СВОИМ РЕЗУЛЬТАТАМ

ПРИЧЕМ СТАРТОВАЯ ПОДАЧА БЫЛА ТАКАЯ ЧТО БЫЛ

СТАРТОВАЯ ПОДАЧА БЫЛА ТАКАЯ ЧТО БЫЛ

СТАРТОВЫЙ МОТОР БЫЛ ПОДАЧА ПОДАЧА БЫЛА

## 2.2 QM TO QR ANALOGY.



EMOTION IS NEW (NOVEL), RELATED TO FEELING.

EMOTION HAS FINITE POSSIBILITIES OF DISCRETE VALUES.

FEELING SHOULD HAVE INFINITE POSSIBILITIES

WITHIN A CONTINUOUS RANGE OF VALUES,

BUT IS FINITE & DISCRETE IN REALITY. HENCE, EMOTION.

STATUS IS (RE)NEW(ED).

THE SAME CONCEPT NOW HAS FINITE POSSIBILITIES OF DISCRETE VALUES.

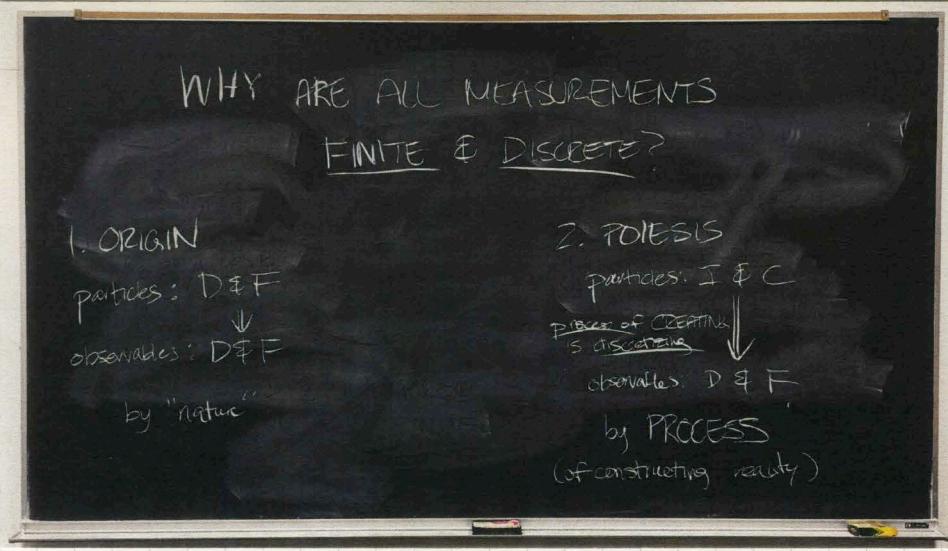
EMOTION & STATUS ARE CANONICALLY CONJUGATE:

SIMULTANEOUS KNOWLEDGE OF BOTH IS IMPOSSIBLE.

NOTES.

WILL BE FURTHER ENTHUSIASTIC  
INTEREST IN THE FIELD OF POLYMER  
SCIENCE AND ENGINEERING

### 2.3 ONTOLOGICAL CAUSALITY IN QM.



WHY IS REALITY FINITE & DISCRETE?

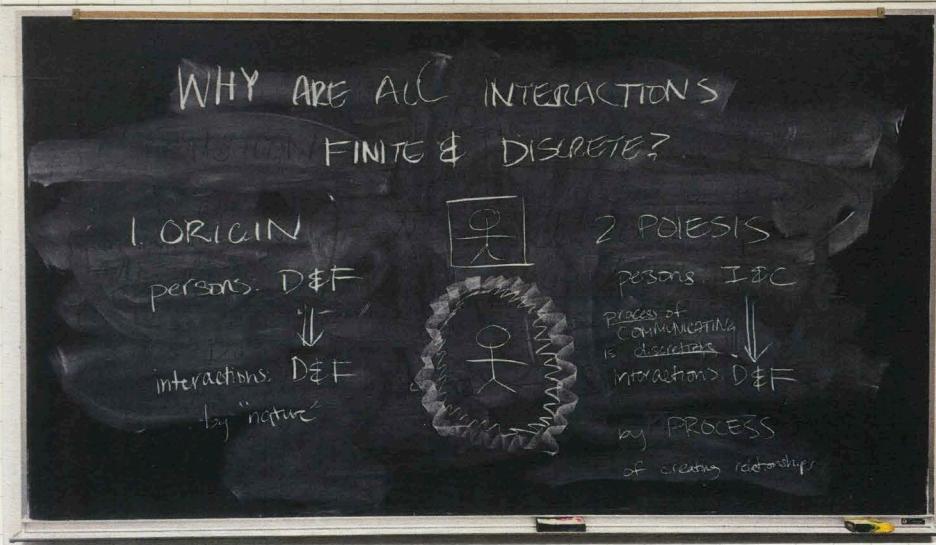
1. PARTICLES ARE FINITE & DISCRETE BY ORIGINAL NATURE.

2. PARTICLES EXIST IN AN INFINITE FIRMAMENT;

COMMUNICATION IS AN INHERENTLY DISCRETIZING PROCESS.

## NOTES.

## 2.4 ONTOLOGICAL CAUSALITY IN QR.



IS THE TOTALITY OF MY LIVED EXPERIENCE

A CONTINUOUS & INFINITE THING,

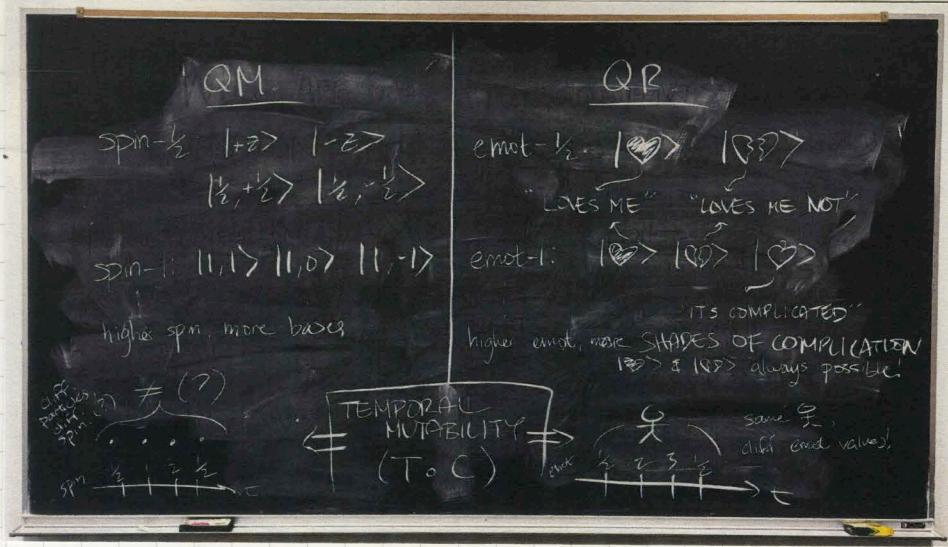
ONLY IMPERFECTLY EXPRESSIBLE

THROUGH DISCRETE & FINITE EXTERNALIZATIONS?

NOTES.

TIME CHANGES  
MOTIVE DISTORTION  
TOM TONE  
VOCAL RANGE  
DYNAMIC LEVELS  
PITCH  
INTONATION  
DURATION  
RHYTHM  
TEMPO

### III. EMOT STATE BASES.



FOR ALL EMOT VALUES, LOVES ME & LOVES ME NOT

ALWAYS FORM TWO ORTHOGONAL DIMENSIONS OF POSSIBLE MEASUREMENT.

HIGHER EMOT VALUES HAVE MULTIPLE SHADES OF IT'S COMPLICATED,

SPLITTING INTO MULTIPLE ORTHOGONAL DIMENSIONS OF POSSIBLE MEASUREMENT.

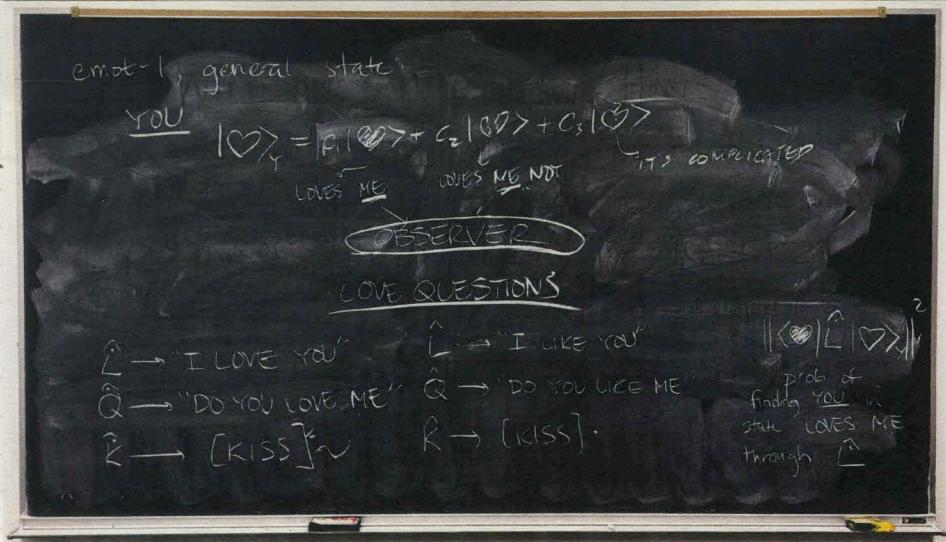
EMOT VALUES CHANGE OVER TIME.

NOTES.

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SO IN PROGRESS) 201 31

#### IV. LQS (OPERATORS IN QR).



#### 4.1 INTRODUCTION TO LQS.

THE ONE-PERSON STATE OF YOU INVOKES ME, THE OBSERVER.

(THE CLASSICAL PARADOX OF EROS SEEPS INTO QUANTUM MATHEMATICS.)

MEASUREMENTS OF YOU ARE MADE BY ME THROUGH LOVE QUESTIONS:

INTERACTIONS THAT TELL ME ABOUT THE EMOT STATE OF YOU.

I MODEL THE PROBABILITY OF FINDING YOU IN THE STATE LOVES ME

AS MEASURED THROUGH THE LOVE QUESTION I LOVE YOU.

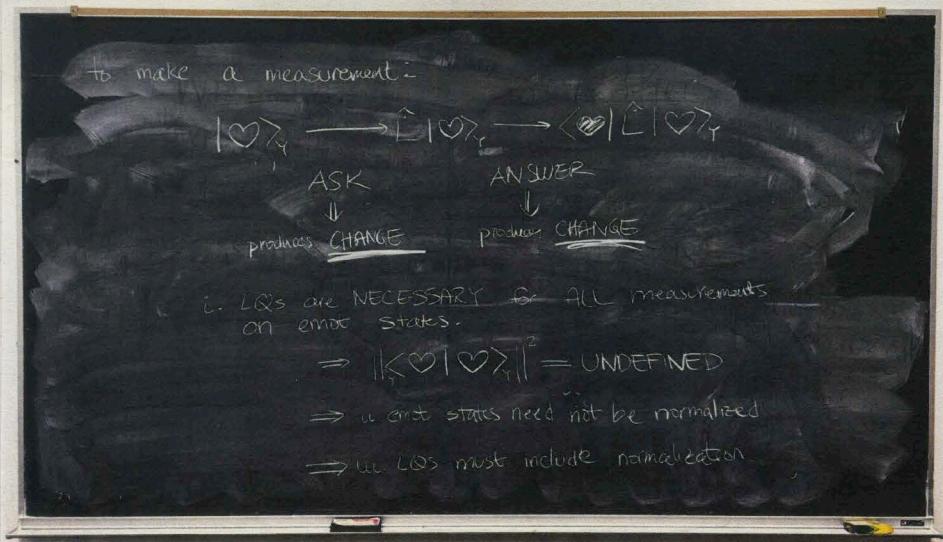
NOTES.

Answers on following pages will be true. Therefore

multiple choice questions will be based on what is written in the book.

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## 4.2 THE PRINCIPLE PARADOX OF INTERROGATIVE NECESSITY



MEASUREMENT MUST BE MADE THROUGH AN ASKING

WHICH PROVOKES AN ANSWERING. HENCE, INTERROGATIVE NECESSITY.

THE BEING ASKED, AND THE ANSWERING, PROVOKES CHANGE.

HENCE: PARADOX.

THE IDENTITY OPERATOR IS EXPERIMENTALLY MEANINGLESS.

NOTES.

#### 4.3 THE PRINCIPLE PARADOX OF SUBJECTIVITY.

how to define operator of  $\hat{L}$  on  $|LOV\rangle_y$ ?

matrix mechanics:

$$\langle \psi | \rightarrow \begin{pmatrix} 0 & 0 \\ 0 & 0 \end{pmatrix}$$

$$|LOV\rangle_y \rightarrow \begin{pmatrix} c_1 \\ c_2 \\ c_3 \end{pmatrix}$$

$$\hat{L}_{M \rightarrow Y} \rightarrow \left( \begin{array}{ccc} \langle \psi | L_{M \rightarrow Y} | \psi \rangle & \langle \psi | L_{M \rightarrow Y} | LOV \rangle & \langle \psi | L_{M \rightarrow Y} | \beta \rangle \\ \langle LOV | L_{M \rightarrow Y} | \psi \rangle & \langle LOV | L_{M \rightarrow Y} | LOV \rangle & \langle LOV | L_{M \rightarrow Y} | \beta \rangle \\ \langle \beta | L_{M \rightarrow Y} | \psi \rangle & \langle \beta | L_{M \rightarrow Y} | LOV \rangle & \langle \beta | L_{M \rightarrow Y} | \beta \rangle \end{array} \right)$$

$$\hat{L}_{M \rightarrow Y} = \langle \psi | \hat{L}_{M \rightarrow Y} | \psi \rangle$$

PP.S  
 $L_{M \rightarrow Y}|LOV\rangle \neq L_{O \rightarrow Y}|LOV\rangle$   
 ME  $\rightarrow$  YOU      OTHER  $\rightarrow$  YOU

FOR EVERY YOU, THERE EXISTS A UNIQUE HILBERT-SOUL SPACE

OF EMOT STATE VECTORS OF YOU.

FOR EVERY ME - YOU PAIR

EVERY OBSERVER - OBSERVEE PAIR

EVERY LOVER - BELOVED PAIR

THERE EXISTS A UNIQUE OPERATOR SPACE

OF LOVE QUESTIONS BETWEEN ME & YOU.

NOTES.

LA TEE MELODY

LA LA LA LA LA LA

LA LA LA LA LA LA