LECTURE 22: The QM Postulates
What I expect you to learn:
$\frac{7}{\frac{7}{7}}$


-stinsau pi+uam!uadxa Rq pa!f!+sn! auD
same time

outcome.

WO Jo SJLH7n1sod Jtit

$\stackrel{8}{\operatorname{B}}$

$\frac{ \pm}{\frac{7}{7}}$
3
0
0
$\stackrel{1}{c}$
$\stackrel{7}{7}$
$\frac{1}{n}$

$2 n 34$
volona
vican
pasa
Itht
grads

$\stackrel{C}{\pi}$
$\stackrel{\circlearrowleft}{3}$
$\pm$ ${ }^{2} \hbar^{n 3}$
aß
orthogowal
unction wormalization
$\langle\psi \mid \psi\rangle=1$
if $\left\langle\psi_{1}, \psi_{2}\right\rangle=0$


\| V V
○




$\frac{i^{3 p}\left|i^{3} h_{2}\right|_{\infty}^{\infty}}{2_{2}| |^{3}\left|k_{2}\right|}=\frac{\left\langle k \mid k_{2}\right\rangle}{2^{|(3) k|}}$
$\frac{i^{3 p}\left|i^{3} h_{2}\right|_{\infty}^{\infty}}{2_{2}| |^{3}\left|k_{2}\right|}=\frac{\left\langle k \mid k_{2}\right\rangle}{2^{|(3) k|}}$
11
el $\frac{0}{8}$
: SNONM! AMOD : $^{-}$
$\rightarrow$ discrete, $M-$ degewercte
$P_{w}\left(a_{w}\right)=\sum_{i=1}^{m}$
$\rightarrow$ contiwuous:
$\frac{d P(a)}{d a}=$
$C$
$\square$
3
3

| $\square$ |
| :---: |
|  |
| 3 |

$\frac{t}{\frac{7}{\pi}}$

$9!\exists$
$: 121$
Postulate 4
of A System
of MEASuRing
$\rightarrow$ discrete
$\frac{\left\langle\psi_{w}^{i} \mid \psi\right\rangle l^{2}}{\langle\psi 1 \psi\rangle}$


$\sum_{5}^{2}$
MF
$1+t 12$
ENVALUE

$\sum$

$\theta$




$\langle[A, B\rangle\rangle^{2}$
we hav
$-\hbar^{2}$


