Opti 570 Pecop 1 Tu Aug 26 Pen y(x) - wooejunction

b (4(x))<sup>2</sup> dx - probability of finding object b/w point a and b 14> - Ket - Dirac molation Ψ(x) =<x (Ψ> /Ψ> - can include spin H/4> = E/4>
emergy H/4) = E/4) |4) = [(0) + 1)

Therefore |4) |5]

- after words? - system has energy E and is

models? (0> Posite? 1(10>+11>) Postulates of QM 1. State of system - wavefunction 4 2. Every emeasurable quantity has an associated operator 3. The outcomes of measurements are eigenvalues of the associated approtor.

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	5.	After	P37 /01m	ing a	mpa sure m	off the	system
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		_	evolves			ng to	tho
2			quation				
			ainsty pri				
			$mm - c$ $ \geq \frac{\pi}{Z}$	on tiling	sperotors		
			S(x-x0)				
		P - 1	moneute on	n- Fourier	travelor	m of f	ostion.
		DP -	<b>D</b> 00				