DAY- 7 TAUX Page: Schrodinger's Equation Newtong's 2nd Law:-Freto Efilaitlo 79 accelerating 7 d 2 p = E filx, t) lequetion of Motion schrödinger Eguntions wave Junetion. energoperator Work Juneting (4) = Represents state the system / 1/2 represents Busbability density functing of system. 19/2 dn = 1 / -Condition) - 0

Date:__/__/ Page:____ erpety Quobabrilly y Indry Particle at x = /14/2 dy Tige evoluting of enator Û(t/ (Ψ) = (Ψ(t)) Time evoluting sovertible. Total Quebability should be consciued (3/t/4/3/t/4) = (4/4)=1 Questioners it d (4) = A(4)

Questioners

Qu Rub-bility titeevolution

Physred grantyA -, obsequable à Alund = Anlund pergenstete quantity is one of the eigenvalues of the A: did do do do. ofeasure à m state /4) i which expende The Measure Ment of A 17 a systemy my nounalized state (4) gives eigen value by with Quobability? P(12)= (xn/4)/2 (ψ) = /<n,/ψ)/2 /<n2/ψ)/2 /<n2/ψ)/2 /<n2/ψ)/2 [â/m): An/mn) -> p(1) [m/4)