H(+) = F= E= (4) H(+) - time vary Hamiltonian 7 Well defined instantaneous eigenstate for all + > not slowly, general superposition state: 14(t)>=> (1) It if porticle is slow enough, it connot jump between energy levels by its motion is constrained to a single definite eigenvalue to the find eigenvalue Adiabatic explosion: $H(t) = 5(t)H_{I} + (1-5(t))H_{I}$ Linear sctl= +