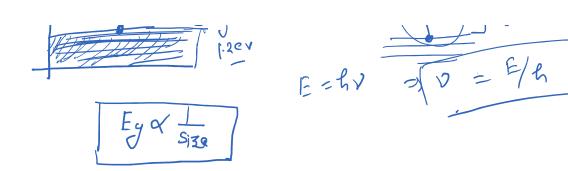
E - 15er



Exciton radus ~ Few nanometr, then Quantum Confiment will occur three.

Bohar Raduis - Most probable distance between proton and Electron

in a hydrogen atom:
$$Q_s = \frac{4\pi\epsilon_0 h^2}{m_e e^2} = 0.529 A^\circ$$

L) Homowork: - Danive the Expression for Bohar Roduis

- (i) Degree of freedom Of
- (ii) Degree of Constraints DC

Structures - DC	_	Df 1
(1) Bulk matrical - 0	-	3
	_	2
(ii) Quantamwell - 1	_	1
([ii]) Quantum wire - 2		
(IV) Quantum Dot - 3	_	U