UNIT-1 > Mechanics	Lang do 1991 - 7-31.
1) Moment of Inostra	Theorem > parallel > parperdicular
2) Moment of Irientia, of =	Diatomic Molecules
3) Gugroscope	(The Chile was) displaced by 12
4) Torsional pendulum &	Double perdulum
Theory Littler Nah	en Bearly Large person of

## UNIT#2 -> Electromagnetic waves

1) maxwell's Equation

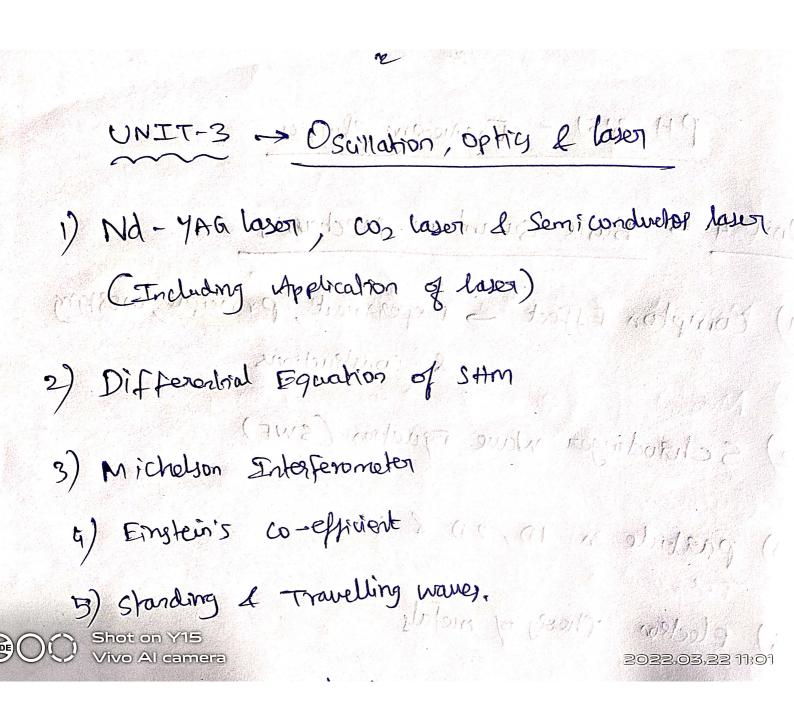
2) Electromagnetic waves (EMW) -> Definition, properties, Sources, Caus & Theorem

3) EMW -> Energy

Intensity

Momentum & &

Radiation pressure



Unit-4 3 Basic Suantum Mechanics 100 (
1) Compton Effect > Experiment, principle, working
With 2 & Constructions
2) Schaodinger Wave Equation (SWE)
3) partide m 1D, 2D & 3D 10 00 1000/11/11 (1)
4) Electron Theory of metals
Shot on Y15 Vivo Al camera Apolied Quantum Wechanic

## Unit - 5 > Applied guartum mechanicy

- 1) Harmonic Oscillator
- 2) Scanning Tunneling Milloscope (STM)
- 3) Reasonant Tunneling Dibde (RTD)
- 4) Kroning Penny Model
- 5) Energy Band thooly -> 41 steps

