Phys 2110-4 3/30/12

Note Title 3/30/2012

Chap 10: Rolling motion Jelling = ZMV2.

Chap !! \mathcal{W} \otimes NW W, A, TThese are all vectors is a dist 2 1 5 w(4) V5 m2 え= よ(ぶってび)

2 gran by torque, 7 Z Z Z Z Z Crucial in Phys II EM, magnetic fields
(3-21mt)

ZXB-C Vertor C 15 prip. to Dir of Cis Lett by rt-hand rule.

7.B=ABOR = Ax3x+Ax3y+--AXB= (ABZ-AZBy) (= Ax Ax Az

Bx By Bz

(Determinant) So far, nothing worksp. to PX = MVX Angular momentum L = IW

My mom of this m 635. rsin 8 = b into ILI = rmv sin D = myb keep this in mind for later.

di dxy T = 7 × P = γ (MV) λ - VM (VW)] $= m r^2 w k$ $= \int_{i}^{\infty} m_{i} r_{i}^{2} w \int_{w}^{\infty} dx$

$$P = IW$$

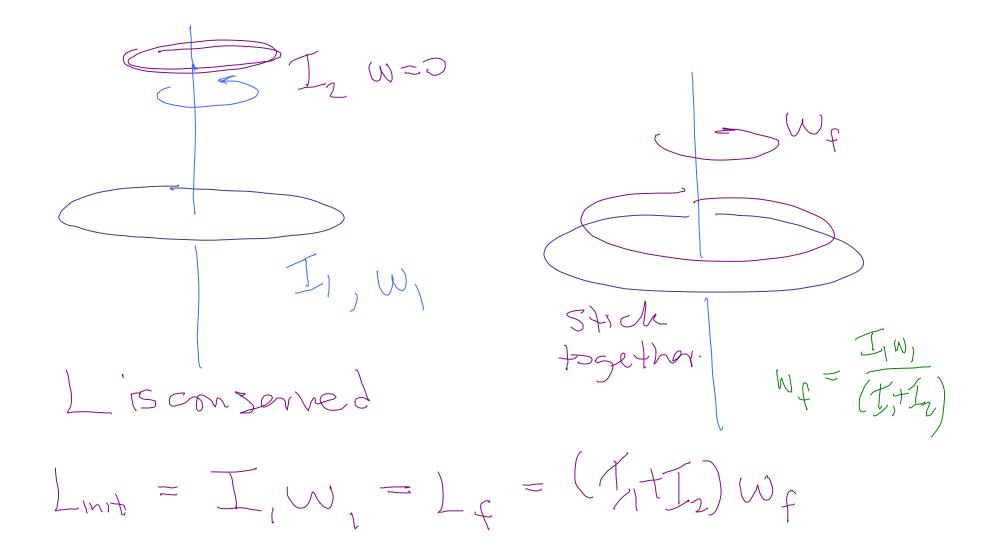
$$P = mV$$

$$P = MV$$

$$P = MV$$

$$P = MV$$

I, Huh! what is it good for. 7 (Luh) What 13 il good for? Toloded 5/5 ton no net ext force Dis constant I solated system (no net external torque) L Total See 11.24 p. 178 Rotational collisions



I, W; = I2Wf Gain in enorgy. Energy not consoned.