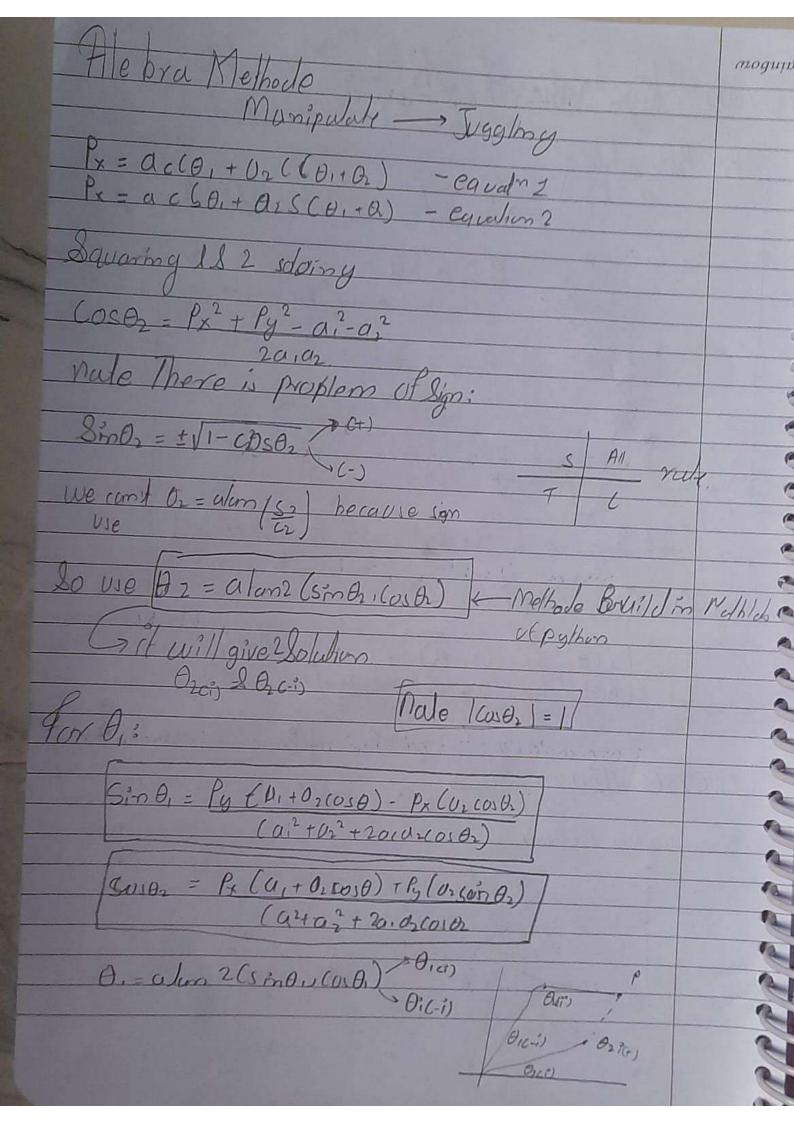
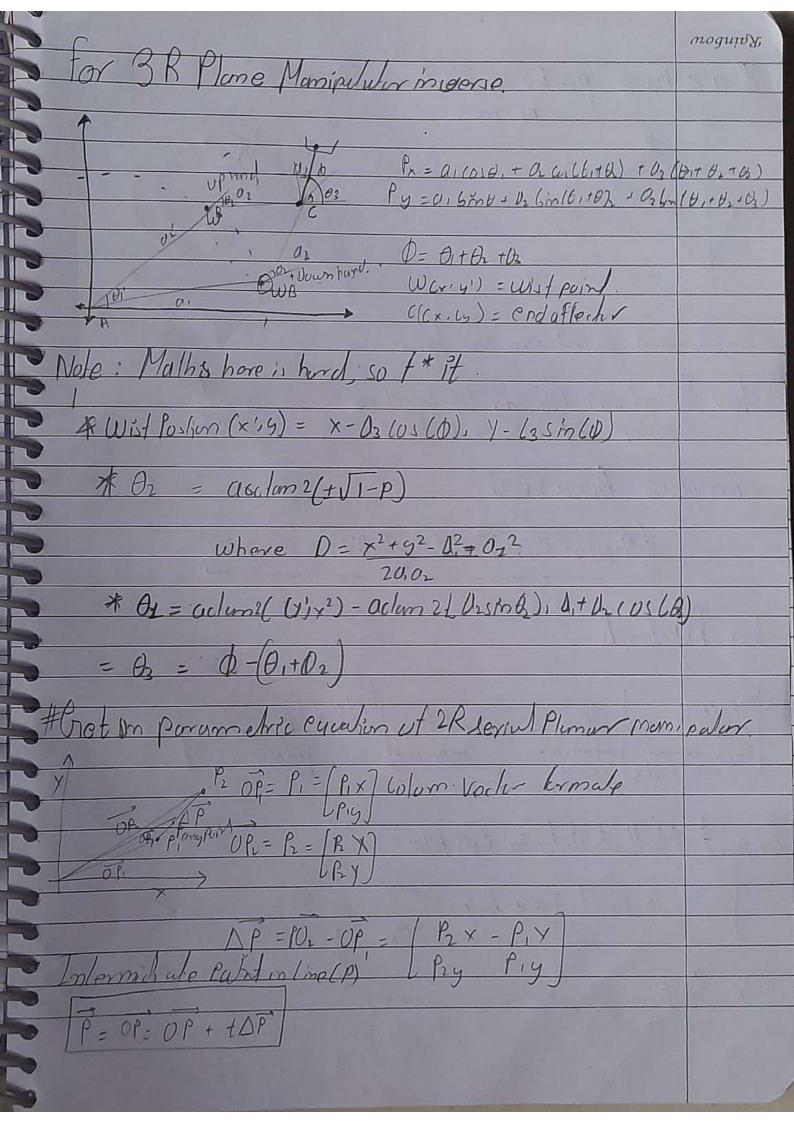


R = One Rolatony arm) mogujo las 28 Manipulation O (Px. Py) Px = a, cos = a ca Py = 01500 = 050 > Il we know & Imd Px & Py > It we knew Px · Py) delermine U, OI = lan (Py) tor 2R Minipulation Liste = Look On is Includition of links wit o Bris Inclination (Rosche) of Bink 2 cust DI Coverdinate of Point B as lon chen sind + hermetry Methode OB = OB) = (OA' + A'B') (Bx)= (0,C0 + 02 C (0,+62) (Bx) = (0,00 + 02 C (0,+62) for Oalter de lemmo Brods

Forward kinematics of 3R Plane Manipulator Pluner - " We will study) 3R: 3Royalde * Spatial -> Astralarled Arm the pare of the endellate) Pose = Configuration Tosinon for book 3 pose is (G.ly) and B = Bi+Bi+B OC = OA + 9B + BC (0) = [0, (0) - [0, ((0)+0)] + [0, ((0+0)+0)] (0) [0,50] [02 ((0+0)] [035 [0+0+0] Nerse Kinomulia (Pr. Py) -> (O1+OL) and under an large to for we am find it by





we have pertern mution (t) -> Each via point we do lyin for Lolution Charing Up hand or church hora Complete Even & gold (Diplow Plan)2 + (D2-02 Bld)2 = Minim 2 Mutter ateach No labolation CVS RIP Joint Trajectures
Puth in Roboanuglar & = velocity B= auleration. Pale: Ropoundayer regureron 102/02/02/