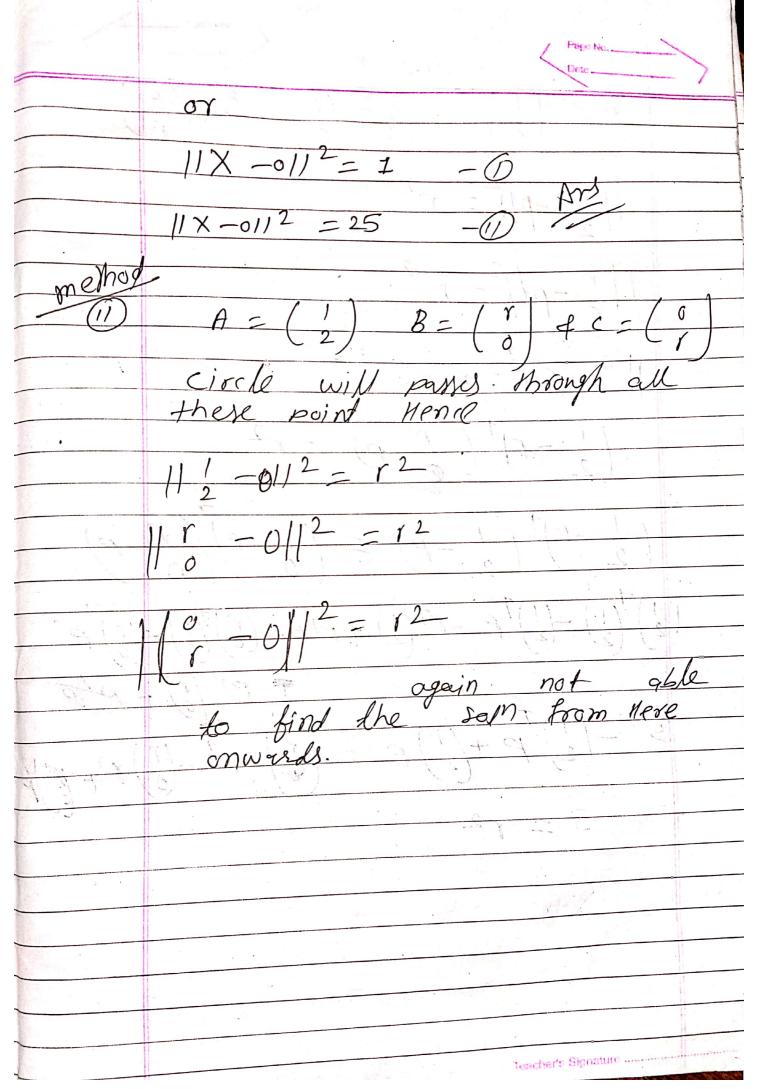
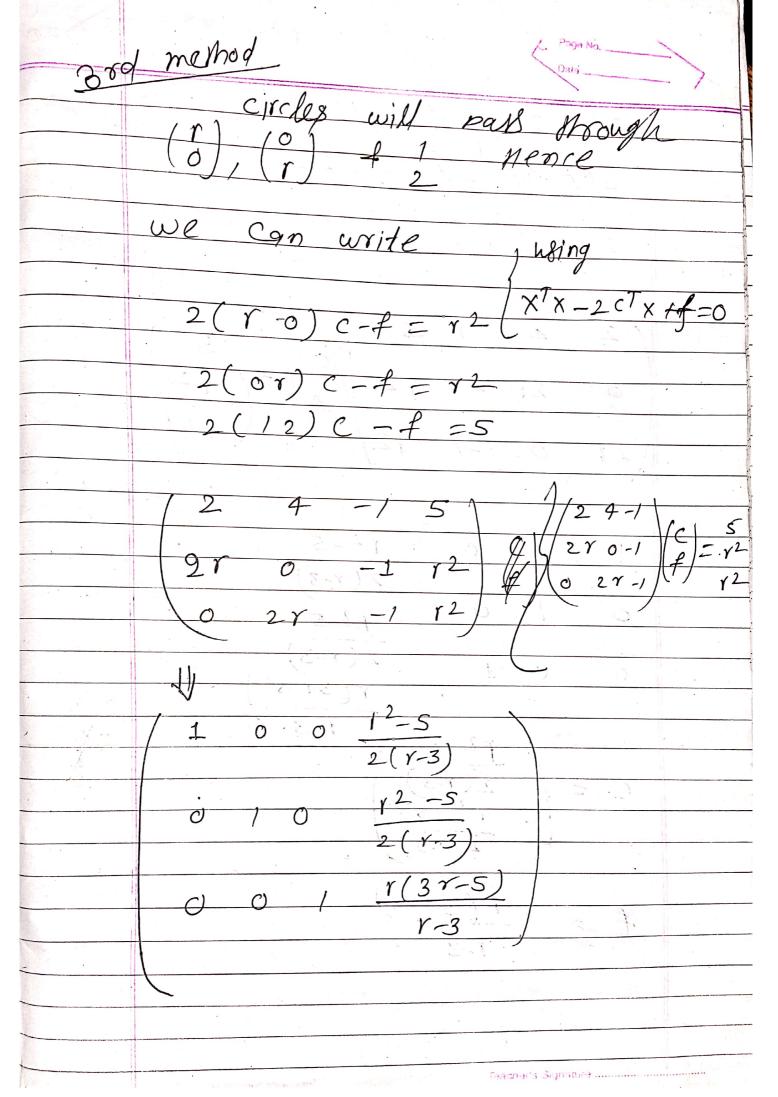
circles passes through point (1) & both are touching axes. find egn of circles. Soln. Since both passes through

[1], it will sie on both circles. Since both touches the 9xes
redius will r

((2)) is the Mence T>0 Now egn of circle $(x-x_1)^2 + (y_1-y_1)^2 = y^2$ $(\pi - r)^2 + (y - r)^2 = r^2$ $(1-r)^2 + (2-r)^2 = r^2$ 12-61+5 =0 => 1= 1,51 Hence egn of circles 910 $(\chi(-1)^2 + (y-1)^2 = 1$ $(\gamma - 5)^{2} + (\gamma - 5)^{2} = 25$





Hence 2(1-3) P = N (38-5) ib 4 gm putting stresse in XTX - 2CTX + f = 0to get solution for r. ?