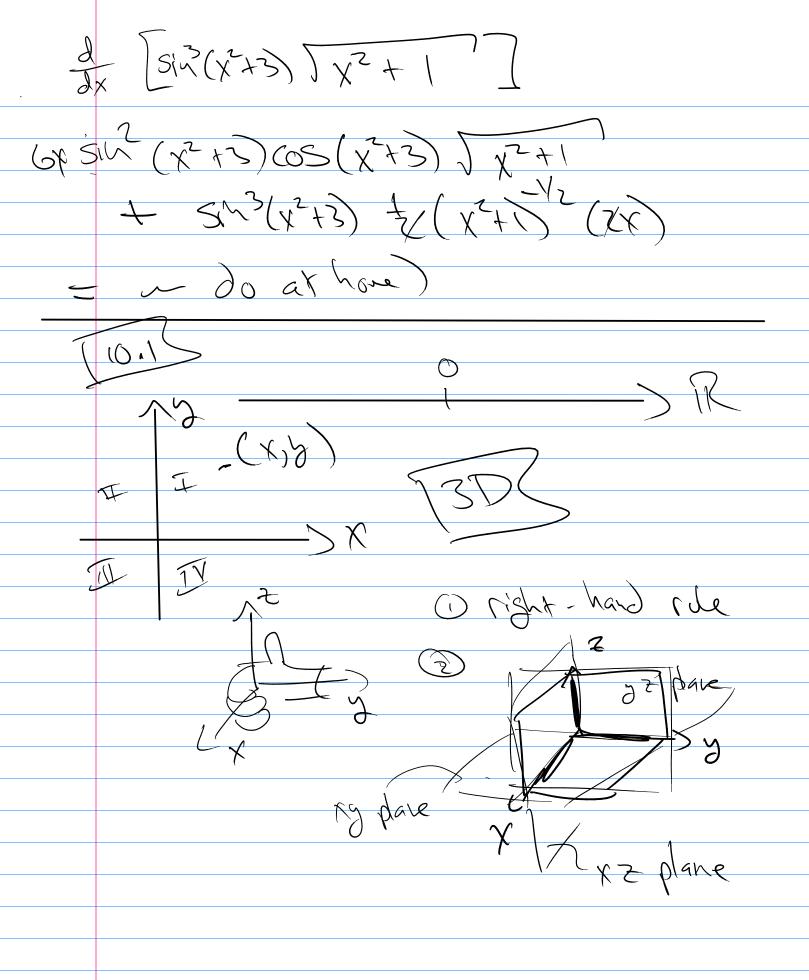
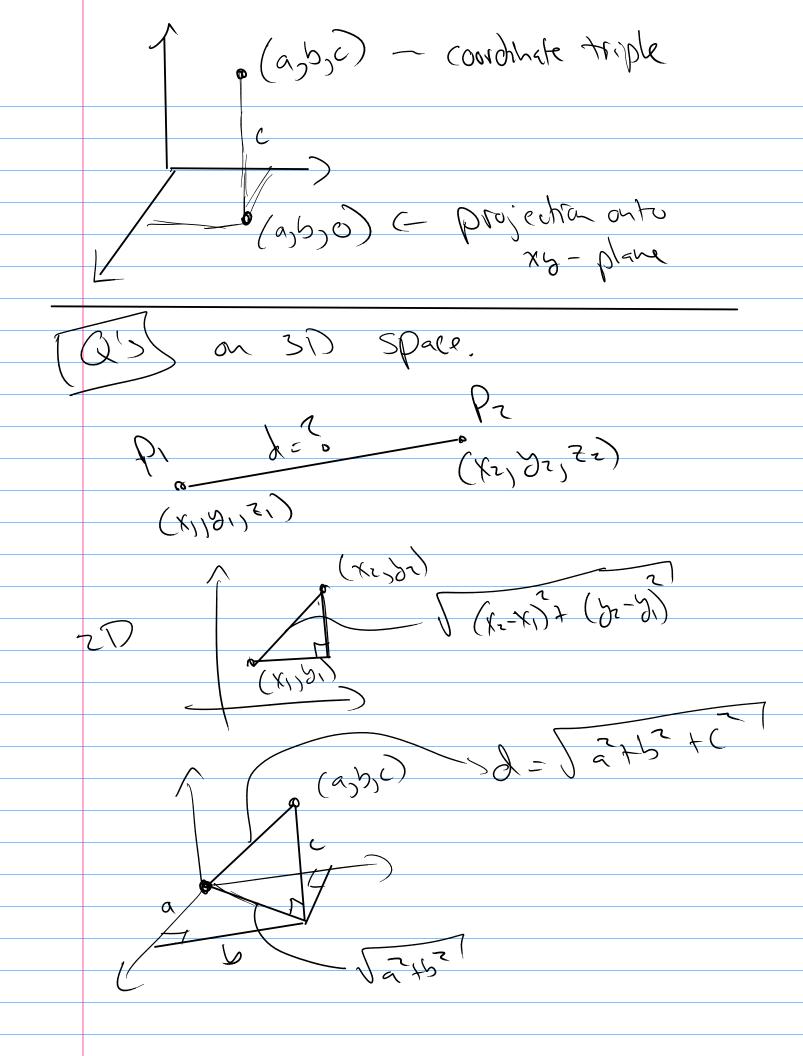
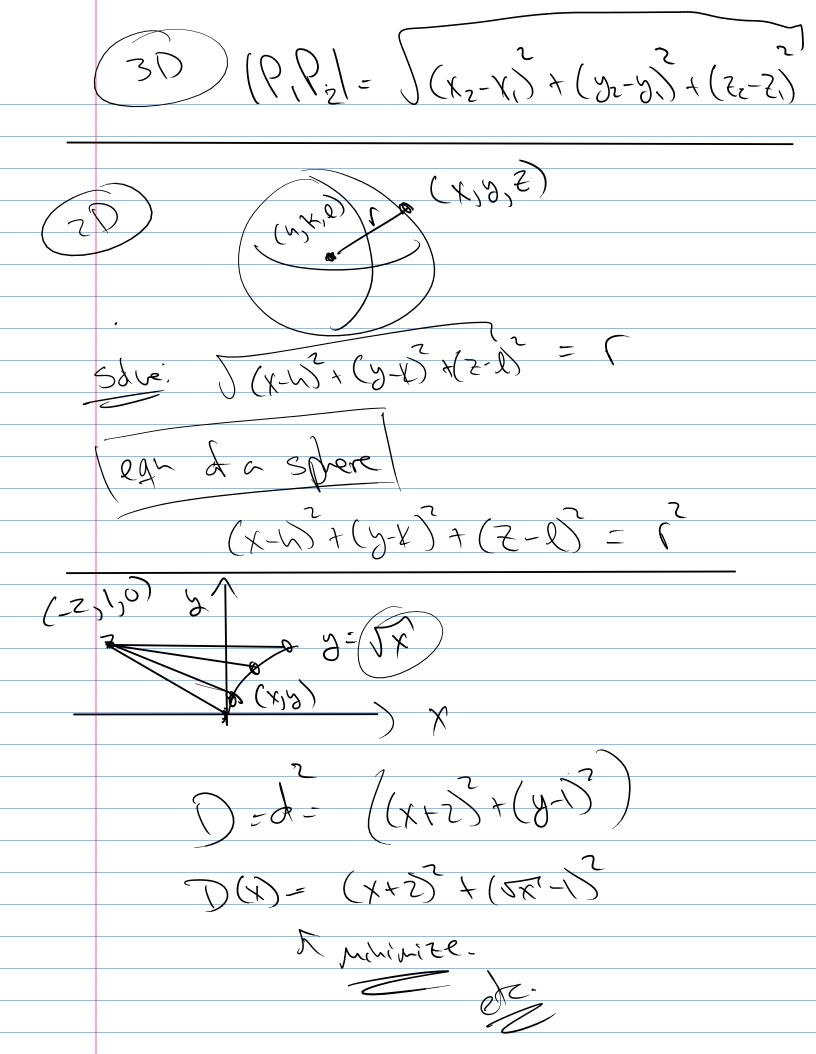
n 293 Free and online tools Maxina. st. net live. sympy. org Wins, Unice, Fr Man Tue Thus Fri - 10.3/10.4 10.5/10.6 Production of the 10.3/10.4 10.5/10.6 Production of the 10.3/10.4 10.5/10.6 Production of the 10.3/10.4/10.5/10.6 Production of the 10.3/10.5/10. (4) Reading thead B d Sin(x2+3) Jx2+1 prodict Rde -> draw rde -> sur rite elis remog (- els girs c







1, 5, 2, E, S 21,33-3 - ADD Subtred, etc. ectors: tuo component objects. one = Direction (two Value) two = ragnitude > telminal

v bold face or 7 special vector; Rober to Play? 1 equal? is same direction and saux magnitude 8+5 2+6A 3 attach terminal of 2 to initial of B and 2 +3 is a new vector from inital of 2 to terminal of B triangle law parallelogran law

Scalar Multiplication CEIK cà new vector of new length Ich times length & and and a) if c>0 -> saw direction -> c2 = 3 (3) 2-B = 2+(1.5) others may to look at T a) components $(a_{j}b_{j}c)$ $\overrightarrow{v} = (a_{j}b_{j}c)$ a= La, az, az) B= Lb, bz, bz) a +b = La, +b1) actbe, a3+b3)

yit = (-1,0,0) yet = (-1,0,0)L0,0,1> $a = (a_1, a_2, a_3)$ $a = a_1 i + a_2 j + a_3 k$ unit vector representation of a1012 a) PQ + QR =

(Laisaz) + Lbisbz) + LCisCz)

- = Laitbi, aztbz> + L(1,(2)
- = < (b,+b)+c) (2+b)+(2) = < (a, *(b,+c)), (a,+b)+c)
- = Laijar> + Lbi+(i) br+cr>
- = Langar + (Lbn br) + Langar)