

whatif P2 In this case P3 SP4 are on apposite of P2 So we have to check for 13 P4 line also, P, s P2 should lie on the opposite side. P, P2 11 P3 P4. When

Case - II

Hethey are 11, P3 or P4 must lie on the line P, P2. Two
(Ones: P2 P3

P3

P1

Overlap. max (p1. v, p2. x) < min(B. x, p4. x) $\max(p_1,y,p_2,y) < \min(p_3,y,p_4,y)$

Now consider case P_3 P_4 P_1 P_3 P_4 P_4 P_5 P_5 P_6 P_6 P_6 P_7 P_8 P_8 max (p1.y, p2.y) < min(p3.y, p4.y) In this case, these conditions won't Catch no-intersection. So, we swape P, , P3) swap (p2, p4) & and then check.