



→ Code (P_1) = 1010

→ Code (P_2) = 0100

→ First test!

Code (P_1) | Code (P_2) = 1110

→ no conclusion

→ Second test

Code (P_1) & Code (P_2) = 0000

→ intersect

→ replace P_1, P_2 with new points

Here, Code (P_1) = 1010

∴ Bit 1 = 1

∴ so the line is intersect with Y_{max}

∴ $y = Y_{max} = 120$