Beck Line Clipping Cy sus P(t) -PE Different valuer of t P(+) [I(N, PE) = N[P(+)-PE] } - (1) [t=-0 to 1] P(t) = Po + + (P, - Po) & 1 (N, P&) >0 Putting valuer of t in (1) P(0)= 0 P(1) = P1 pt, - Pe (Omer Edge) 1 (N, P&) = 0 (Invide) >0 (Outride) for (7, Pg) = 0 $N \cdot (P(H) - P_g) = 0$ N. [[Po+t(P,-Po)]-Pb]=0 Aring (1) $N(P_0 - P_0) + N(P_1 - P_0) t = 0$

Ancoming
$$f_1 - f_2 = 0$$
 $f_1 - f_2 = 0$
 $f_2 - f_3 = 0$
 $f_3 - f_4 = 0$
 $f_4 - f_4 = 0$
 $f_4 - f_5 = 0$
 $f_5 - f_6 = 0$
 $f_7 - f_7 =$

$$t_{2} = (-1, 6) [(1, 2) - (-2, 1)] - (-1, 0) (3, 1)$$

$$(-1, 0) [(6, 3) - (-2, 1)] - (-1, 0) (3, 2)$$

$$= \frac{-3}{-8} < 0 \quad \text{factering pt.}$$

$$t_{3} = \frac{-3+3}{-8+2} = 0 \quad \text{factering pt.}$$

$$t_{4} = \frac{10}{10} = 1 \quad \text{leaving pt.}$$

$$t_{5} = \frac{1}{8} > 0 \quad \text{Leaving pt.}$$

$$t_{6} = \frac{1}{8} > 0 \quad \text{Leaving pt.}$$

$$t_{7} = \frac{1}{8} = \frac{1}{8} > 0 \quad \text{Leaving pt.}$$

$$t_{8} = \frac{1}{8} = \frac{1}{8} > 0 \quad \text{Leaving pt.}$$

$$t_{10} = \frac{1}{10} = 1 > 0 \quad \text{Leaving pt.}$$

$$t_{10} = \frac{1}{10} = 1 > 0 \quad \text{Leaving pt.}$$

$$t_{10} = \frac{1}{10} = \frac{1}$$