$$P \notin L$$
,

 $\Rightarrow distince(\dot{r}, l) = L(p-x_0) + L(x_0) - c$
 $\Rightarrow distince(\dot{r}, l) = L(p-x_0) + L(x_0) - c$
 $\Rightarrow distince(\dot{r}, l) = L(p-x_0) + L(x_0) - c$
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 $\Rightarrow distince(\dot{r}, l) = L(p-x_0) + L(x_0) + L($

$$\frac{|u|}{|d|} = |u|/|as|$$

17 is plane

Birtisma(p.l)

1 | 1 /2 - p

$$||S_{1}, A|S = ||P-X_{6}||$$

$$||A|S = ||S_{1}||$$

$$||A|S = ||S_{1}||$$

$$||A|S = ||S_{2}||$$

3 , My+c=1), xfel

 $\frac{1}{2} \int_{-\infty}^{\infty} da + \frac{1}{2} |A||^{2} + c = 0$ $\frac{1}{2} \int_{-\infty}^{\infty} |A||^{2} da + \frac{1}{2} |A||^{2} da + \frac{$

 $3 c_{8} = a + \lambda d$ $3 c_{8} = ||c_{8} - c_{9}||$

distance (p.l)

1= {x | nx+c=1), p41, ceR, l plane Lin R'

> distance (p, l)

solve: $(1) \quad \text{for } L(x) = nx + C,$

The C=fx/m=ptsn

VSER }

DAMEL", WEL

 \Rightarrow distance (p, U) = ||p - xq||

(3) ', 35, st. 00=p+sn $(, \mathcal{X}_{0} \in [, , , \downarrow \cup] = 0$