0-1

Solve for W

> = 1 = (m, 2) = = (m, 2) = + > 1 = (k, e) 2 (k, e) †

2 (k, e) = w (k, e) (s (k, e)

Using Property

I = 1 a-b12 = Zue La-b) (a-b)*

Will I

N 2 ZZ* = 2Z*

=> (Z-MR)(B-MR) + > (MONT)[MONT)*

Di Herentlath of this water we

DW = (I - W b) (I - W b) + x tw b 2) (w b 1) to 2) to 0.

= 27(F-WG) (GAL) = 0

=> (WG-F) + AL W*G* L* =0

 $W^*G^* - F^* + \lambda L I^2 W^*G^* = 0$ $W^*F^* = \frac{F^*}{G^*(1 + \lambda)(12)}$

G(1+
$$\lambda$$
1L1²).

WE know that $b = NE + N$.

Putting-value of to.

$$(NE+N)(1+\lambda 1L1^2).$$

W=
$$(NE+N)(1+\lambda 1L1^2).$$

W=
$$(NLNE) + \frac{N(NE)}{F(NE)}(1+\lambda [L(NE)^2).$$

P(NLNE) + $\frac{N(NE)}{F(NE)}(1+\lambda [L(NE)^2).$

P(NE) + $\frac{N(NE)}{F(NE)}(1+\lambda [L(NE)^2).$

P

For all O value. 600 60 600 1 10000 g(P,0)= == == (0,9)e. O= My 9(円が)= 記をかいい 8(巻十巻-1) = E & flrus 8 (n# - P) の二至 gur,下上)、二至至平しいり、8(りート) For all Proluce when oza P=O 9(0,0) = E = f Lmus S Ln-0) = IZ flu, o) 2nd estima D+100+2=102 = 1+0+1=27110=(3) P= 1 = . 1+2+2 = 19 (P,0) = (2 102 5) P=0 D)

$$P = \frac{T}{2}.$$

$$P = 0$$

$$g(0, \frac{T}{2}) = \sum_{i=1}^{\infty} \frac{1}{2} \lim_{i \to 0} \frac{1}{2} \frac{1}{2} \frac{1}{2}.$$

$$= 0 + 100 + 2 = 102.$$

$$P = -1$$

$$Q(1, \frac{T}{2}) = \sum_{i=1}^{\infty} \frac{1}{2} \lim_{i \to 0} \frac{1}{2} \frac{1}{2} \frac{1}{2}.$$

$$= 1 + 2 + 2 = 5.$$

$$P = 1$$

$$Q(1, \frac{T}{2}) = \sum_{i=1}^{\infty} \frac{1}{2} \lim_{i \to 0} \frac{1}{2} \frac{$$

926). formy = g (xlos + y shor, o). ja 0 = 0 formy) = & (mo). Jov: Wz [-1,0,1) f_0 (my) = $\begin{bmatrix} 2 & 102 & 5 \\ 2 & 102 & 5 \\ 2 & 102 & 5 \end{bmatrix}$ 0= 7/2 SIL Sal Se fz (my) = g(y,至) For g(y 12) for all values of y $f_{\frac{\pi}{2}}(x,y) = \begin{cases} \frac{\pi}{2} & 2 & 2 \\ 102 & 102 \\ 5 & 5 & 5 \end{cases}$ 0= 7/4 fry my) = g(nty 平) for the value of (124) => [-1,10,1] us ges A T/4 (My) = \[103 0 0 \\
0 103 0 \\
0 0 103 \]