$$U(0) = \begin{cases} \omega - R & \text{IF } \Theta \text{ in } City \\ \Theta & \text{ELSE} \end{cases}$$

$$\Theta \in [0, \Theta],$$

(a) IN EQUILIBRIUM, H.H. CHOOSE CITY IFF W-R>O.

IF \(\text{A} > 1 \to W\), THEN EVEN IF R=U WE HAVE H.H.

WITH \(\text{A} > W\) CUTSIONE THE CITY \(\text{D} \) LESS THAN

MEASURE I OF LAND OCCUPIED IN CITY FOR ANY R\(\text{R} > 0 \)) MARGININ

CITY LAND IS UPCANT \(\text{D} \) R=O.

THENT. IN THEN REWILIBRIUM

TO THE CITY IS FULLY OCCUPIED AND NO MIR WANTS

TO MAKE ON CHANGE R.

(b) IF (D) >1>W, THEN TROU AND $O \in [O, W]$ IN CITH, $O \in (U - G)$ OUT.

SINCE PROF IS ZENU, LAND PROFT IS ZENU. TENT $CS = \int (W - 0) d0 = \frac{1}{Z} w^2$

IF B = W=1 THEN R= W-1 AND 1 UNIT OF HH OKUAN CHN

RET = (W-1).1 = W-1

(C) WITH HETERIGE 1945 CHTSIDE OPTIONS, WIR METER TO WORKING ABOUT CS AS WELL AS THEAT.

(a) LET
$$C^* = U^*(\overline{u})$$
.

THEN WE HAR $(2u) + 2ex = \omega - e^*$ by $e[-x, x]$

IN PARTICIONARY, $\overline{R} + 2ex = \omega - e^*$
 $\overline{x} = \frac{\omega - e^* - \overline{R}}{2e}$

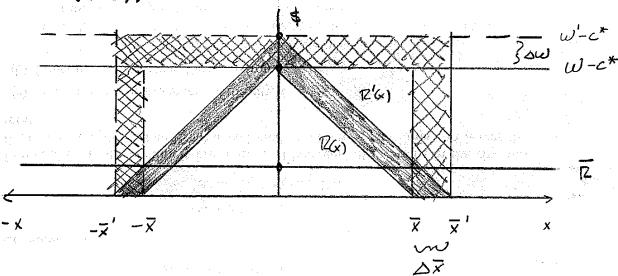
(4)(1) FROM ATBUR, WHEN W INCREASES TO W',

$$\overline{X} = \frac{W - C^* - \overline{R}}{2t}$$
AND
$$\overline{X} = \overline{X} + \frac{W^* - W}{2T}$$

Fram (1)
$$R(x) = \begin{cases} \omega - c^* - 2 + x & x \in [-\overline{x}, \overline{x}] \\ \overline{R} & \text{Else} \end{cases}$$

$$\mathbb{R}^{(g)}$$
 $\begin{cases} \mathbb{R}^{(g)} & \text{for } \mathbf{x} \in [-\bar{\mathbf{x}}', \bar{\mathbf{x}}'] \\ \overline{\mathbb{R}} & \text{for } \mathbf{x} \end{cases}$

(11) IF NEW MIGHANTS WERE AND PARO WI, THEN AGE, WASCHING SEASE



THE HOTEHED ANEA GIVEN CHANGE IN AGGREGATE WASE INCOME.

THE SHADED AWEA GIVES INCREASE IN AGGREGATE LAND

THE INCREASE IN WASES IS LANGON THAN THE INCREASE IN REAL TO ABOUT ZAX W!

HOUSER, THE INCREASE IN WASES MET OF COMMUTING