3+ 等理论 Homework 4 展盟区 3190102196

4.1.2

then turn left find fist b, then turn right find first bu, then nalt on the U.

4.1.7

$$K = \{90, 9., h\}$$
 $\Sigma = \{a, b, b, b\}$ $y = 90$ $H = \{h\}$

3:

 90 α $(90, 0)$
 90 b $(90, 0)$

4. 1. 10

It scans to right and put the first and second nonblank symbols to tiest and second blanks behind

4. 2. 4
(a)
$$Ra \rightarrow h$$

(b)
$$Ra \xrightarrow{b} y$$
 (c) No

4.6.2

4. 7. 2

$$\int_{0}^{\infty} h(m,r) = (m+i) \cdot r$$

(b)
$$g(d(m,n) = \{ n, rem(m,n) = 0 \}$$

 $g(d(n, rem(m,n)) = 0$