第八章作业 202/050801013 苗, 儲 A CONTRACTOR OF THE PARTY OF TH

6、: 歲射: (4)

单射:(1)(3)

双射:(6)

- 触的 函数·(2)·(3)·(7)·(8)

8: fog(x) = g(f(x)) = 2x+ 8 $g \circ f(x) = f(g(x)) = 2x+1$ $h \circ f(x) = f(h(x)) = x+1$ fo (hog)(x) = (hog)(f(x)) = x+1/2 golhof)(x) = (nof)(g(x)) = x+6

12. 建港湖射,对FHACA, Fa, GA,

使符十四十二日二十是金数

f(f(a))= f(a), = p to f(a) = f(a)

18 tof = f

: f(a) = f(a)

x: f(a1)=a

: f(a) = a

13. (1) YOGB, 目CEC 株9(b)=("fog是满针对于C, JacA 使fog(a)=(Epg(f(a))= C = 19(b)= C :.g(f(a))=g(b)=c : g是单年:-+(a)=b 部中日子B、日在日本使fal=b

: 千是:為射

(2) 4 h, b 2 & B ·· f是i勒钳 习anazeA 使f(ai)=b, f(az)=bz ··b1+bz :- a1+az. ::fog 是审射 :.fog(a) + fog(az) : 9(bi) +9(b2)

: 9是单射

15. Hb1, b2 FB : f是满街 : ∃ a, a2 FA

使f(ai)=bi f(az)=bz

且f(ai) +f(az) 即 ai +az

: 9(b1) = {x {x (x CAIN (fx)=b17}}

9(b2)= {x/(x (A) A (+(x) = b2)}

: a (E 9 (b1) , az t 9 (b2)

: a, & g(b2) a2 & 9 (b)

: 9(b1) + 9(b2)

二9为单针