Deff injehter, szürjehter, bijehtler Tétel a fenti tulajdon sagohut a o negtartju Tetal JCXXY, gCYXX f:XBY,g:YBX by is f=g-1 > fog = Ay is g of = Ax Tig Strivi $EJXEX,f(x)=0 \rightarrow g[f(x)]=g[0]=0$ $g[f(x)] = (g \circ f)(x) = \Delta_X(x) = \{x\} - Z \rightarrow$ -> Dom (f)=X (Dom (g)= Y hasonloan XEX == JyEf(x) = Y de Ø + g(y = g[f(x)] = 2x3 Haptulo, lugy Ran(g)=X (husonloan Ran(f)=Y) $\emptyset \neq f(x) \subset f[g(y)] = \{y\} \longrightarrow f(x) = \{y\}$ It figgveny (hus. g is) f:X 3/19:Y3X zürjehtivek 1 (x1)=f(x2) -> g(f(x1))=g(f(x2)) -> x1=x2 haptub, h. f story injective (g hasonloan) $y = f(x) \rightarrow g(y) = g(f(x)) = x \rightarrow g = f^{-1}$