Homotopy Invariance of I2(f, Z) $f_o: S'US' \longrightarrow \Sigma_2$ H: (S'US')×I→Zx $* = f_{\frac{2}{3}}^{-1} (.)$ f:2, N2, → Es $g = f_{2/3} (p)$ <-->>=T.₹ 共生的==5 () = Im d*f=/3 TPZ = Imdaf2/3, f2/3/2 This explains #fy3 (Z) = 4, with H'(Z) = IUIUIUIUs' 4 \$ 5 (mod 2), 5 = # 6-1(2). (Z) E) f (Z) = H (Z)=U8 {p+.} = 2(IUIUIUIUS'), f + Z and fo + Z