RAFLA if x= λy λ ≠ 0 RP" = R"+1/N projectue space RP"~ S"/N when X ~ - X J 18 Const 50 CO R A+1,\* f(x) = f(-x) $T_2$   $\int_{0}^{T_2}$  $\widehat{S}(-x) = \Pi_{i}(\widehat{c}(-x))$ 5/2 > RP  $= \Pi_1(-x) = \Pi_1(x) = \Pi_1(a(x))$ 

$$R^{n+1,*} \xrightarrow{S} S^{n}$$

$$R^{n} \xrightarrow{S} S^{n}$$

Is 
$$T_2$$
 on constat on the files  $I[x]$ 
 $f(x) = X$ 
 $f(x) = X$ 

$$TT_{2}(n(\lambda x)) = TT_{2}(n(x)) \quad \text{for any } x \neq 0$$

$$any x \in \mathbb{R}^{n+l, +}$$

$$\Pi_{Z}(\Lambda(\lambda_{z})) = \Pi_{Z}\left(\frac{\lambda_{z}}{\|\lambda_{z}\|}\right) = \Pi_{Z}\left(\frac{\lambda_{z}}{\|\lambda_{z}\|}\right) = \Pi_{Z}\left(\frac{\lambda_{z}}{\|\lambda_{z}\|}\right) = \Pi_{Z}\left(\frac{\lambda_{z}}{\|\lambda_{z}\|}\right)$$

$$= 1/2 \left( \frac{x}{||x||} \right) = 1/2 \left( \frac{x}{||x||} \right)$$

$$f(g(\pi,(x))) = f(\pi_{Z}(n(x)))$$

$$= f(\pi_{Z}(\pi_{X}(n)))$$

$$= \pi_{I}(f(\pi_{X}(n)))$$

$$= \pi_{I}(f(\pi_{X}(n)))$$

$$= \pi_{I}(f(\pi_{X}(n)))$$

$$g\left(f\left(\pi_{2}\left(\rho\right)\right)\right)$$

$$g\left(\pi_{1}\left(\mathcal{E}\left(\rho\right)\right)\right)$$

$$\eta\left(\sigma\left(\rho\right)\right)$$

$$\eta_{2}\left(\sigma\left(\rho\right)\right)$$

$$\eta_{2}\left(\rho\right)$$









