یااط

یا teefon

6)\_let P Cis) = rev (flip is) = flip (veu is)

indy chive prin aple'. (PG[]) aHae; Int\_V235 "[[ut] ( P(xs) — P (x + xs]]]

- Wars : [Intl. P Cus)

Baje case:

to show P() hold

P(CJ) = rev (flip (1) = flip (rev [1] \_ by def.

reu () - Flp (c1)

J = []

ها1

shswu.

In due five case Inductive hypothesis: P(xs) assume

to showi. ' P(x:xs)

red Cflip x:

k allistrert-es) = red (Ken + + flyp ks) = \tey(flip si u vev l-x] = Alijp/ yev XSS + rev\_[-x]

by huge ke v (flip v \* \*s ) = rev (flip [x] ++ flip xs )

vev (flep rs) tt yeu (flip [x]) flip (rev vs) tt flip (yev [x]) by hyp:

Hip (yev ks tt ved IXI) = Hip ( vev kiys)