	Q3) to prove the remnists is tone we will use industrian.
FIVE STAR.	The first to the second to the
T-X	D base case: h21
П 4	N21
≥₹	>> 1- \(\alpha_1 \) \(\gamma \) \(\gamma_1 - \alpha_3 \)
	=> 1- a, \(\lefta \) 1- a,
	2>1 \leq 1
T X	
	12) Insultive hapothers: for any KEN, 1- Zas & Tr (1-a)
FIVE STAR.	$\frac{1}{2} \int_{-\frac{\pi}{2}} \frac{1}{2} \frac{1}{2}$
	1- Σ α; Ξ Τ C(- α)) 1- Σ α; Ξ Τ C(- α))
	1 2 (1-0) - 0 K+1 (1-0) T (1-0)
	2) 1 - E (C1-67) - ak+1 = T (1-a) = ak+1 TT (1-a)
- 10	
	because 1- 2 (1-a) = # (1-a) make = Z (1-a) = # (1-a)
	2) T (1-aj) - akt 5 T (1-ai) - akt TT (1-ai)
	-ak+1 2 -ak+1 TT (1-a;)
	504 0) TO OILVAYS (es) than 1, Th 21
	is thus Space is vostes pool and ktl, we have proves the succeeding
D'	
S X	
E,	

TEAR AT PEREN