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	MTH 354	10 -14-17
87.7		
	60, - 80, - 1 a=	1, Q ₁ = D
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_ II	(2")- 4" = 2"-4"	
form Pf (inden	ction	
_ ' /		Q - la>
1 C. 4254	me ar = 2 - 4 to	all r, 14rsk for some
Nee 2 W	Show ak+1 = 2k+2	\ \tau_{\\ \tau_{\tau_{\tau_{\tau_{\\ \tau_{\tau_{\\ \tau_{\tau_{\\ \tau_{\tau_{\\ \tau_{\\ \tau_{\tau_{\\ \tau_{\\ \\ \tau_{\\ \tau_{\\ \tau_{\\ \tau_{\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\
Note the		
,,,,,	18+1 - 6 -	**-\
	= 6 (h+1 k) - 8 (2 - 4)
	6 3+2 6 km	S had R+H
	= 6 (2 - 4 = 6 k+4 - 6 km	+ 62 4
	$=2^{(3-2)}-4$	$\frac{1}{2} - \frac{1}{2}$
		=
01.	R+2 R+1	
O k	+1=2 -4	
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Same S.	execute of value.	
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Qn=6an-1 - 8an-2, Q=1, Q1=0

for w

Pf (induction)

Der Assume ar = 2 - 4 for all r, 1 < r < k for so Nee 2 lo Bhow ak+1 = 2 - 4.

Therefore, by the phi, the two formulas produce the Same segments of values.