martes, 7 de noviembre de 2023 8:41 p.n

$$X_{n+1} = 4X_n + X_n^2 \qquad X_0 = 4S_{11}^{2} \Theta$$

$$X_{n+1} = 4S_{1n}^{2}(2^{n+1}\Theta) + \Theta + \Theta(0, \frac{\pi}{2})$$

$$4X_{n} + X_{n}^{2} = 4S_{1n}^{2}(2^{n+1}\Theta)$$

$$4X_{n} + X_{n}^{2} = 4S_{1n}^{2}(2^{n+1}\Theta)$$

$$X_{KH} = 4X_{K} - X_{K}$$
 $X_{KH} = 4S_{17}(2^{KH} \theta)$
 $X_{KH2} = 4X_{KH} - X_{KH}^{2}$
 $X_{KH2} = 4S_{17}(2^{KH2} \theta)$
 $X_{KH2} = 16S_{17}(2^{KH1}) - 16S_{17}(2^{KH1} \theta)$

$$X_{K+2} = 1651n^{2} (2^{K+1} \Theta) (1-51n^{2} (2^{K+1} \Theta))$$

$$KSin^{2}(2^{K+2}\Theta) = 16Sin^{2}(2^{K+1}\Theta)(o)^{2}(2^{K+1}\Theta)$$

 $Sin^{2}(2^{K+2}\Theta) = 4Sin^{2}(2^{K+1}\Theta)(o)^{2}(2^{K+1}\Theta)$

$$S_{1}n^{2} \left(4^{K+1}\Theta\right) = 4^{S_{1}n^{2}} \left(2^{K+1}\Theta\right) \left(0^{3}\left(2^{K+1}\Theta\right)\right)$$

$$S_{1}n^{2}(4^{K+1}\Theta) = (2S_{1}n(2^{K+1}\Theta)(05(2^{K+1}\Theta)^{2})$$

 $S_{1}n^{2}(4^{K+1}\Theta) = (2S_{1}n(4^{K+1}\Theta)^{2})$
 $S_{1}n^{2}(4^{K+1}\Theta) = (2S_{1}n(4^{K+1}\Theta)^{2})$
 $S_{1}n^{2}(4^{K+1}\Theta) = (2S_{1}n(4^{K+1}\Theta)^{2})$

$$x_{n+1} = 4x_n - 4x_n^2, x_0 = \sin^2\theta,$$

$$x_{n+1} = \sin^2(2^{n+1}\theta), \qquad \theta \in [0, \pi/2].$$

$$X_{0+1} = 4 \sin^2 \theta - 4 \sin^4 \theta$$
 $X_{0+1} = 4 \sin^2 \theta \left(1 - \sin^2 \theta\right)$
 $X_{0+1} = 4 \sin^2 \theta \left(\cos^2 \theta\right)$
 $X_{0+1} = 2 \sin^2 \left(\cos^2 \theta\right)$

10 Conduce