$N_{n+1} = \frac{RN_n^2}{(R-1)N_n^2 + N_n + S}$ <sub>11</sub>
<sub>11</sub>
<sub>2</sub>
<sub>11</sub>
<sub>2</sub>
<sub>3</sub> refe R= const>1, M= const>0, S=const>0 Henogburuoce vocku:  $N^* = \frac{\mathbb{R}(N^*)^2}{(\mathbb{R}-2)(N^*)^2} + N^* + S^*$ B ganblierswen ongeren \* 6 0603 Mar reserver  $N\left(1-\frac{RN}{(R-1)N_{+}^{2}N+S}\right)=0$ RNM (R-1)N2+MN+SH = 1  $RNM=(R-1)N^2+MN+SM_2$ non 2004 (R-1)N2+MN+SM +0  $N^2 + N\left(\frac{M-RM}{R-1}\right) + \frac{SM}{R-1} = 0$  $N'' - MN + \frac{SM}{R-1} = 0$ D=M2-45M  $N_{2,3} = \frac{M + \sqrt{M^2 - \frac{4SM}{R-1}}}{2}$  $N_1 = 0$  $f(N) = \frac{RN}{(R-1)N^2 + N+S}$ , refe R= const>1, M= const>0, S=const>0 Ro reopene of ycrowruboczu nenogbux. rozku, narigen npouz bognyw q-yun f(n):  $2NR\left(\frac{(R-1)}{M}N^{2}+N+S\right)-\left(\frac{2(R-1)}{M}N+1\right)RN^{2}$  $\left(\frac{(R-1)N^2}{M} + N+S\right)^2$  $= \frac{RN^2 + 2NRS}{\left(\frac{(R-1)N^2}{M} + N+S\right)^2}$  $f'(N_1) = 0 \Rightarrow \tau. N_1$  96n. OICUMNSOTUR.

yesourusou,  $\tau. R. \left[ f'(N_1) \right] \angle 1$ Onpegenery yesots resocrt voter N24 N3 upu norucuse Wolfvan Monthemortica

NN6 Beggenne 2.1 Ruparno D-C.