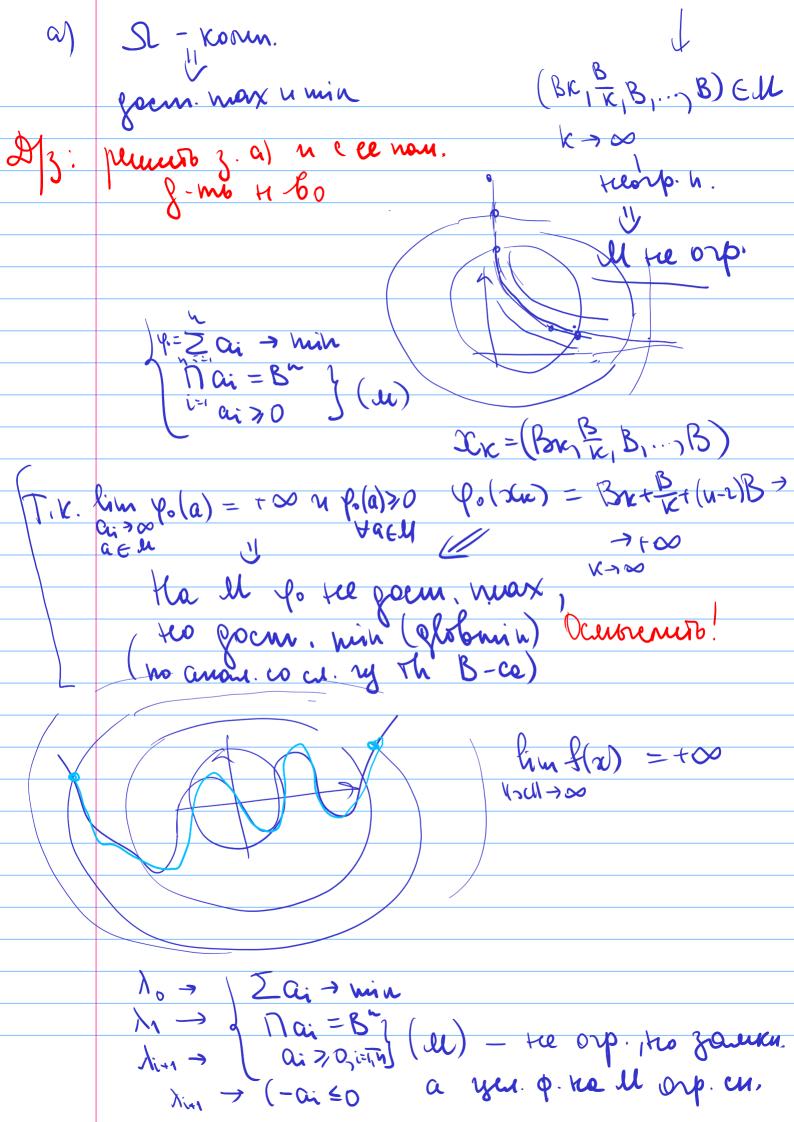
D- 60 repalement UM. Demo, mo cp. reare n. keorp. 7. he hpelocx rix cp. apublic. $\frac{\sum_{i=1}^{\infty} a_i}{n} > \sqrt{\prod_{i=1}^{\infty} a_i}, a_i > 0$ N-fx Dana vanpobati, bee b opry raeto u neen hange, o-Coorb. Na max mushin an . as an N=2 Va1a2 = B, a; 70 a) Pai -> max

2 ci = n A

2 ci = n A

3 (s)

600: A70 $\frac{1}{100} = \frac{1}{100} = \frac{1}$ Due g-he H-ba goct-0 1-2 zu



D3: 1) N. a

(2) Occurrence peu (3)

(3) D-ms H-bo: $(\frac{2}{2}x_{1}y_{1})^{2} \leq (\frac{2}{2}x_{1}^{2})(\frac{2}{2}y_{1}^{2})$

 $(\sum x_i y_i) \leq (\sum x_i)(\sum y_i)$ $(y) xy + y \neq 0 \Rightarrow extr$ $(x_i y_i) = 1$ $(x_i y_i) \neq 0$

 $\begin{array}{c} 5) \quad \text{sin} \, \chi \, \text{sin} \, y \, \text{sin} \, t \, \leftrightarrow \, e \chi \, t \\ \chi + y + t = \frac{\pi}{2} \\ (\chi_1 y_1 t > 0) \end{array}$

6) 2 di +> extr 2 pi xi =1 2 pi xi =1 2 xi >0 (di, fsi > 6)



