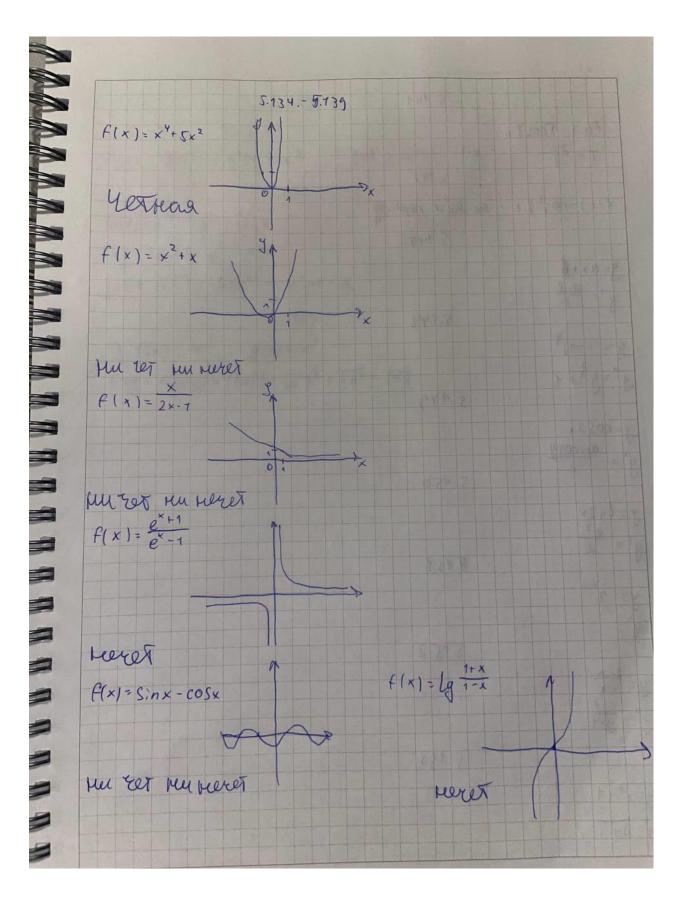
X= {7, 1/2, 1/3, ..., 1/n, ...} max X = 1 Sup X = 1 infx = 0 infx=0 X = [-1,1] max X=1 min X = -1 Sup X = 1 infx=-1 5.76 X = {xe Zl -54, x 60} max=0 min X = -5 supx=0 Infx=-5 1×6/1×20} SupX=0

	5.102					
F(x) = Lgx?						
C(-1)= Lg 1 =0						
f(-0,001) - Lg 0,00	0001 = -6					
F(100) = Lg 100 = 2						
V	5.103					
$f(x) = \begin{cases} 1+x & -0 \\ 2^x & 0 \end{cases}$	02×40					
[2],0	LX(+10)					
f(-2) = {1-2 =	f-1					
$f(-1) = \int_{2^{-1}}^{1-1} = \int_{2}^{0}$						
F101 = {1+0 = 21						
$f(1) = \begin{cases} 1+1 \\ 2 \end{cases} = \begin{cases} 2 \\ 2 \end{cases}$	- he nogoc,					
$f(2) = \begin{cases} 1+2 \\ 2^2 \end{cases} = \begin{cases} 3 \\ 4 \end{cases}$						
	5.106					
1 - Luly+31						
y = Ln(x+3)	×>-3 (-3;+	(4)				
115/00						
(f): (-w; tw)						



	5.141	
f(x) = 5cos7x		
T= 25T	Cars	
The Labor	5.142.	
f(x)=cos22x - 4	2 abre nepuoq.	
	5.147	
	7.141	4 3 4
9=ax+6		
y = y - 6 a		
Ja	5.148	
. 3		
$y = (x-1)^3$		
y = y = +1		
	5.179	
y= cos2x		
y = arcosy		
	5.150	
y= Ln 1x		
$y = \ln 2 \times $ $y' = \frac{e^{x}}{2}$		
	5.151	
y = 2 × 2		
9=1		
8,=		
	5.153	
1-X	13 11 11 11 11 11 11 11	
$y = \frac{1-x}{1+x}$ $y = \frac{y-1}{y-1}$ $y = \frac{y-1}{y-1}$		
7 = 4-7		
1 9,1	7.172	
	5.153	
y=x2+1		
y'= 5 y-1		
3-27-1		

5.159 f(x) = 7 - x $g(x) = x^2$ $fog = f(g(x)) = f(x^2) = 1 - x^2$ $gof = f(1-x) = (1-x)^2$ 5.760 f(x)=ex g(x)=lnx fog=f(lnx)=elnx=x gof=f(ex)=Lnlex)=xlne=x] f(x) = x = g(x) = x2 fog=f(g(x))=f(x2)=(x2)= 5x2=|x|