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Moncenno Icaba, UKKUTO, MBT., 12
                                                   Дупичи и их графики (1 касть)
6.15% f(x) = cfgx cfgx = COSK FINX +0=> x + Th, h =2
6-1.58. Fin = x+2  x+2 to = x+2 D(t)=(-0; -2/v(-2; 5)v(5; 0)
6.1.59. f(x)=arccoc3x -1=3x=1 ->-1=x== , D(f)=[-+; =]
6.1.60. +(x)=169x, x00, logox +0 =) x+1, D(+)=(0,1)v(1;00)
6.1.61. f(x) = Jx+6 - J-8-x1, x+5 70=3 x 3-5 0(+)=(-007-8]0[-5;00)
  6.1.62 ((n)-log +x/ Tx-3, NOO; N-500=) NOS 0(4)=(3,00)
  6.1.63. f(x)=elax xxx D(f)=(0,00)
   6.1.84. f(x)=arcsin (log x), -1 ≤ log x ≤ 1, logs $ ≤ log x ≤ logs 3, 4 ≤ x € 3 D(6)=[+;3]
   6.1.65. f(x)= J1-x2. arcfg & 1-x220=)-15x51, arcfg & x to; O(H=E1,0)v(0,1]
  6. 1.66. f(x) = \int \frac{x}{\lambda x + 1} \int \frac{x - 1}{x + 5} \int \frac{x}{\lambda x + 1} = \int \frac{x}{\lambda x + 1
   6.164. f(x)=cos & + lu(x+1)+ ST-x, x fo, x>-1, x & D(f)=(-1; 0)v(0; T]
    6.1.68. f(x)=4-x2 E(f)=(-05;4]
    6.1.69. f(x)=|x|-3 E(f)=[=5,0)
     6.1.40. E(x)= 22 >0 E(6)=10; 00)
    6.1.41. f(x)= lu(n241), x6(-00,00), x2+121 E(FI=LO;00)
    6.1.42. f(x)-ex2-2x-3, x=2=1, y=(-1)-2-3=4 E(x-1x3)=C4; 0) E(E)=(e4, 00)
     6.1.43. f(x) = 2 E(6) =±1
     6.1.44 f(x)=sinx cosx E(f)=[=1; =]
     6.1.85. f(x) = 5x2+4 D(f=(-0),00) E(F)=(2,00)
      6. 1. 76. ((x)=x=-4x+3, x ∈ Co; 5], x===2, y(2)=4-8+3=-1, y(0)=3, y(5)=25-20+3=1
      6.1.44. y(x) = J2x+4, y(0)= 54, y(2/= 511, y(xx)= Jx+4, y(+2/= 52+4, 34(5x)=
      6.1.48 y(x)={ -1 ym x < 1 y(0)=-1 y(x)={ -1 ym x < 4 y(+)={ -1 ym + 1 < 2 } } o ym x = 2 ) y(x)=0 y(x)={ 0 xpm x < 4 y(+)={ 0 xpm + 5 = 2 } } o xpm x > 4 y(+)={ 0 xpm + 5 = 2 } o xpm x > 4 y(+)={ 0 xpm + 2 > 2 } o xpm x > 2 } o xpm x > 2 }
        6.1.79. 4x3-4x+1=4-4+1, 4x2-4x=0, x=0 um x-1=0; x=-1; x=-1. Crubles=0,1,-1
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6.1.80 $1|y(x) = \frac{|x|}{x} |y(-x)| = \frac{|x|}{x} = -\frac{|x|}{x} = -\frac{|y(x)|}{x} = \frac{|y(x)|}{x} = \frac{|x|}{x} = \frac{|x|}{x} = -\frac{|y(x)|}{x} = \frac{|x|}{x} = \frac{|x$ 4) h(x)= arc + g2 , arc + g(+) = - arc + g , h(x) = arc + g2(1) - arc + g2 + 1 + h(x) = 20 - 40 + 1 6.1.96. 1) f(x)=x2, g(x)=x+2, (fof)(x)=(x2)=x+, (fog)(x)=(x+2)=x2+4x+4, $\frac{1}{1}f(x) = sign(x), g(x) = -2, (f \circ f)(x) = signx, (f \circ g)(x) = -1, (g \circ f)(x) = -2$ $\frac{1}{3}f(x) = 1/(n-s), g(x) = \frac{x-1}{2}, (f \circ f)(x) = \frac{1}{x-3} = \frac{x-3}{10-3x}, (f \circ g)(x) = \frac{x-1}{2} = \frac{x-2}{1-2x}$ (got)(x) = \frac{1}{x-2} = 4-x

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(got)(x) = \frac{1}{x-2} = \fr 6.194. 9= x/(1-n), E(y)=(-0,1) v(1;0), y (1-x)=x-otyrams quina nem (1.98. y= 2", E(y)= (0, 00), x-3= log = y, x= log = y+3, y= log = x+3 6. 1.99 y= { Lx yux >0, E(y)=(-0; 01), x= y yu y 20 y = { x yu x >0 } J-x upu x <0 6.1.100. y= sigux - some x=0 x= { 2 you y=1 y= { 3 you x=1 } - обрана оруная 6.1.101. y= 2-x2, E(y)=(0;1] - gynny orpanus. 6.1.102. y= 5x-2, E(y)=[0,00)-q-we cupes nonomounas 6.1.103. y= 1x1 , E(y) = ±1 - q-ue aconomon 6.1.104 y = x3-x, E(y)=(-00,00) - qo-ux ne monomon, ne organine. 6.1.205 y=(3x+5)/(x+1), Ely1=(-0,0) 6-1.106- y= 2x ym x30 , Ey1= [-3; 00) - q-us monomon.