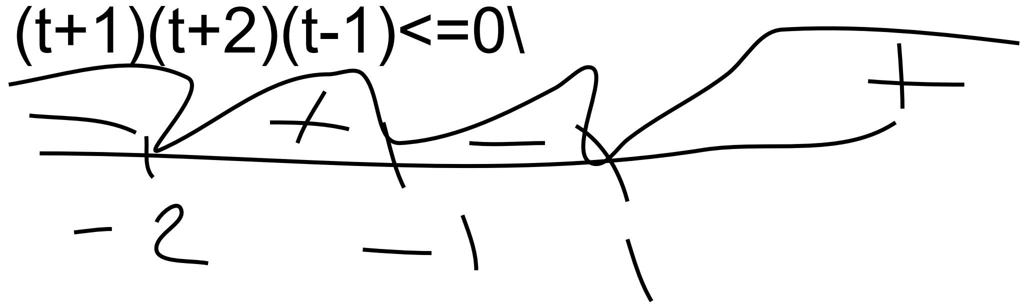
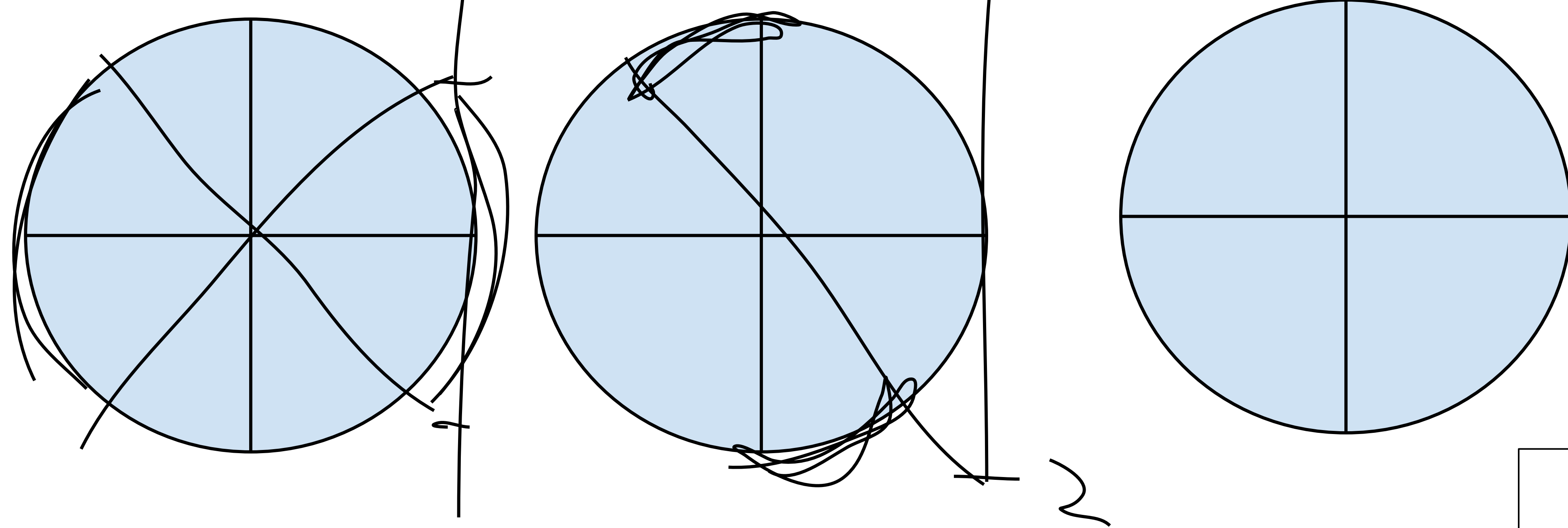
2cos2x + sin2x>=tgx
2cos2x+sin2x-sinx/cosx>=0
2tg x/(1+tg^2 x)+2(1-tg^2 x)/(1+tg^2 x)-tgx>=0
tgx=t
2t/(1+t^2) +(2-2t^2)/(1+t^2)-t>=0
(2t +2-2t^2))/(1+t^2) -t(1+t^2)/(1+t^2)>=0
(2t +2-2t^2 -t(1+t^2))/(1+t^2)>=0
(2t +2-2t^2 -t-t^3))/(1+t^2)>=0
(-t^3-2t^2+t +2)/(1+t^2)>=0
(1+t^2)>0
-t^2-3t-2=0
t^2+3t+2=0
(t+1)(t+2)=0
вместе -(t+1)(t+2)(t-1)>=0
(t+1)(t+2)(t-1)<=0\



t э (-oo;-2] U [-1;1]
tgx<=-2
-1<=tgx<=1
x э [-P/4+Pk;P/4+Pk] U (-P/2+Pk;arctg(-2)+Pk]



	-1	-2	1	2
1	-1	-3	-2	0

ПРОСТЕЙШИЕ НЕРАВЕНСТВА 03

2cos2x + sin2x>=tgx