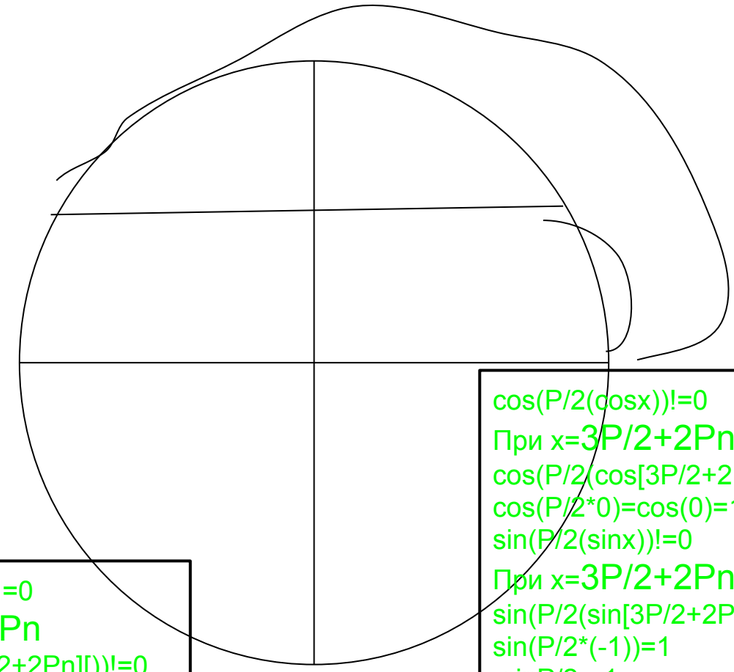
2sin^2 x + sin(x^2)=1
sin^2 x=(1-cos2x)/2
2(1-cos2x)/2+sin(x^2)=1
1-cos2x+sin(x^2)=1
sin(x^2)-cos2x=0
cos(P/2-x^2)-cos2x=0
cosq-cosh=-2*sin((q+h)/2)*sin((q-h)/2)
-2*sin((P/2-x^2+2x)/2)*sin((P/2-x^2-2x)/2)=0
sin((P/2-x^2+2x)/2)*sin((P/2-x^2-2x)/2)=0
sin((P/2-x^2+2x)/2)=0
(P/2-x^2+2x)/2=Pn
P/2-x^2+2x=2Pn
2x-x^2=2Pn-P/2 |*(-1)
x^2-2x=P/2-2Pn|+(1)
x^2-2x+1=P/2-2Pn+1
(x-1)^2=P/2-2Pn+1
x-1=+-V(P/2-2Pn+1)
x=+-V(P/2-2Pn+1)+1,
P/2-2Pn+1>=0
P/2+1>=2Pn
(P/2+1)/2P>=n
n<=(P/2+1)/2P
x=+-V(P/2-2Pn+1)+1, n<=(P/2+1)/2P
sin((P/2-x^2-2x)/2)=0
(P/2-x^2-2x)/2=Pn
P/2-x^2-2x=2Pn
-x^2-2x=2Pn-P/2 |*(-1) + 1
x^2+2x+1=P/2-2Pn+1
(x+1)^2=P/2-2Pn+1
x+1=+-V(P/2-2Pn+1)
x=+-V(P/2-2Pn+1)-1
P/2-2Pn+1>=0
P/2+1>=2Pn
n<=(P/2+1)/2Pn
x=+-V(P/2-2Pn+1)-1, n<=(P/2+1)/2Pn
Ответ: x=+-V(P/2-2Pn+1)+1, n<=(P/2+1)/2P;
+-V(P/2-2Pn+1)-1, n<=(P/2+1)/2Pn.

sina+sinb=0
sina-sinb=0
cosa+sinb=0
cosa-sinb=0

sinx=cos(P/2-x)
cos(P/2-x)=cosP/2*cosx+sinP/2*sinx=sinx
cosx=sin(P/2-x)
sin(P/2-x)=sinP/2*cosx-sinx*cosP/2=cosx

tg(P/2(cosx)) = ctg(P/2(sinx))
(P/2(cosx))=t
(P/2(sinx))=k
sint/cost=cosk/sink
sint/cost-cosk/sink=0
(sint*sink-cosk*cost)/cost*sink=0
-1*(cosk*cost-sint*sink)/cost*sink=0
(cos(k+t))/cost*sink=0
cost!=0 && sink!=0
cos(k+t)=0
cos(P/2(sinx)+P/2(cosx))=0
cos(P/2(sinx+cosx))=0
P/2(sinx+cosx)=P/2+Pn |P/2
sinx+cosx=1+2n
V2*(sinx/V2+cosx/V2)=1+2n
1/V2=sint
1/V2=cost
t=P/4
V2*(sinx*cosP/4+cosx*sinP/4)=1+2n
V2*sin(x+P/4)=1+2n |:V2
-1<=(1+2n)/V2<=1
-V2<=1+2n<=V2
-V2-1<=2n<=V2-1
(-V2-1)/2<=n<=(V2-1)/2
n=0; n=-1



cos(P/2(cosx))!=0
При x=P/2+2Pn
cos(P/2(cos[P/2+2Pn][]))!=0
cos(P/2+2Pn)=0
cos(P/2*0)=cos(0)=1
sin(P/2(sinx))!=0
При x=P/2+2Pn
sin(P/2(sin[P/2+2Pn]))!=0
sin(P/2+2Pn)=1
sin(P/2*1)=1

cos(P/2(cosx))!=0
При x=3P/2+2Pn
cos(P/2(cos[3P/2+2Pn][]))!=0
cos(P/2*0)=cos(0)=1
sin(P/2(sinx))!=0
При x=3P/2+2Pn
sin(P/2(sin[3P/2+2Pn]))!=0
sin(P/2*(-1))=1
-sinP/2=-1

cos(P/2(cosx))!=0
При x=2Pn
cos(P/2*cos2Pn)!=0
cos(P/2)=0

sin(x+P/4)=(1+2n)/V2
sin(x+P/4)=1/V2
x+P/4=P/4+2Pn
x=2Pn
x+P/4=3P/4+2Pn
x=P/2+2Pn

sin(x+P/4)=(1+2n)/V2
sin(x+P/4)=-1/V2
x+P/4=5P/4+2Pn
x=P+2Pn
x+P/4=7P/4+2Pn
x=3P/2+2Pn

cos(P/2(cosx))!=0
При x=P+2Pn
cos(P/2(cos[P+2Pn][]))!=0
cos(P/2)=0

Ответ: P/2+2Pn; 3P/2+2Pn