2sin^2 x + sin(x^2)=1
2(1-cos2x)/2 + sin(x^2)=1
sin(x^2)-cos 2x=0

cosw=sin(w+P/2)=sinw*cosP/2+sinP/2*cosw
cosw=sin(P/2-w)=sinP/2*cosw-cosP/2*sinw

sin(x^2) - sin (P/2-2x)=0
2*cos((x^2-2x+P/2)/2)*sin((x^2-P/2+2x)/2)=0
cos((x^2-2x+P/2)/2)=0
x^2-2x+P/2=P+2Pk
x^2-2x=P+2Pk-P/2
x^2-2x+1 -1=P/2+2Pk
(x-1)^2 - V(P/2+2Pk+1)^2=0
(x-1-V(P/2+2Pk+1))(x-1+V(P/2+2Pk+1))=0
x=1+V(P/2+2Pk+1)
x=1-V(P/2+2Pk+1)
K>=0
sin(x^2-P/2+2x)/2=0
x^2-P/2+2x=2Pk
(x^2+2x+1)-(1+2Pk+P/2)=0
(x+1)^2-(1+2Pk+P/2)=0
(x+1-V(1+2Pk+P/2))(x+1+V(1+2Pk+P/2))=0
x=1+V(1+2Pk+P/2)
x=-1-V(1+2Pk+P/2) k>=0

tg(P/2(cosx)) = ctg(P/2(sinx))
sin(p/2cosx)/cos(p/2cosx)=cos(p/2sinx/sin(P/2sinx)
{sin(p/2cosx)*sin(P/2sinx)-cos(p/2sinx)*cos(p/2cosx)}/sin(P/2sinx)*cos(p/2cosx)=0
-1{cos(p/2sinx)*cos(p/2cosx)-sin(p/2cosx)*sin(P/2sinx)}/sin(P/2sinx)*cos(p/2cosx)=0
-1(cos{p/2sinx+p/2cosx}/sin(P/2sinx)*cos(p/2cosx)=0

sin(P/2sinx)*cos(p/2cosx) !=0

cos{p/2sinx+p/2cosx}=0
p/2sinx+p/2cosx=P/2+Pk
sinx+cosx=1+2k
V2(sinx 1/V2 + cos x 1/V2)=V2(sinx*cos P/4 +cos x sinP/4)=V2sin(x+P/4)
sin(x+P/4)=(1+2k)/V2

|z|<=1
z>=-1
z<=1

(1+2k)/V2<=1
k<=(V2-1)/2
(1+2k)/V2>=-1
k>=-(V2+1)/2
k=0;-1
sin(x+P/4)=V2/2
x+p/4=P/4+2Pk
x=2Pk-отбрасываем по ОДЗ
x+p/4=3P/4+2Pk
x=P/2+2Pk

sin(x+P/4)=-1/V2
sin(x+P/4)=-V2/2
x+P/4=5P/4+2Pk
x=P+2Pk-отбрасываем по ОДЗ
x+P/4=7P/4+2Pk
x=3P/2+2Pk

sin(P/2sinx)*cos(p/2cosx) !=0
sin(p/2sinx)=0
(P/2)sinx=Pk
sinx=2k
k=0
sinx=0
x=Pk
cos(p/2cosx)=0
P/2 *cosx=P/2+Pk
cosx=1+2k
k=0
cosx=1
x=2Pk

OTBET **x=P/2+Pk**