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

cos((P/2(cosx)+P/2(sinx))=0
p/2*cosx+p/2*sinx=p/2+pk
cosx+sinx=1+2k
V2(sinx*1/V2+cosx*1/V2)=1+2k
V2(sinx*cosa+cosx*sina)=1+2k
V2(sin(x+a)=1+2k
cosa=V2/2
sina=V2/2
a=P/4
V2sin(P/4+x)=1+2k
sin(p/4+x)=(1+2k)/V2
-1<((1+2k)/V2)<1
-V2<1+2k<V2
-V2-1<2k<V2-1
(-V2-1)/2<k<(V2-1)/2
k=-1
sin(p/4+x)=(1-2)/V2
sin(p/4+x)=-1/V2
p/4+x=5p/4+2pt
x=4p/4+2pt
p/4+x=7p/4+2pt
x=6p/4+2pt
k=0
sin(p/4+x)=1/V2
p/4+x=3p/4+2pk
x=2p/4+2pk
p/4+x=p/4+2pk
x=2pk
Ответ:2PT;2P/4+2PT;6P/4+2PT;4P/4+2PT
Final ANSWER:2P/4+2PT;6P/4+2PT=P/2+PT

cos(P/2(cosx))*sin(P/2(sinx))!=0
P/2(cosx)!=p/2+pk
cosx!=1+2k
k=0;-1
x!=2pt
x!=p+2pt
P/2(sinx)!=PK
sinx!=2k
k=0
x!=PK