sin(P*cosx)=cos(P*sinx)
P*cosx=t
P*sinx=k
sint=cosk
sint-cosk=0
cosk=sin(P/2-k)
sint-sin(P/2-k)=0
sinq-sinh=2*sin((q-h)/2)*cos((q+h)/2)
sint-sin(P/2-k)=2*sin((t-P/2+k)/2)*cos((t+P/2-k)/2)
2*sin((t-P/2+k)/2)*cos((t+P/2-k)/2)=0
sin((t-P/2+k)/2)*cos((t+P/2-k)/2)=0

1)
sin((t-P/2+k)/2)=0
(t-P/2+k)/2=Pn
t-P/2+k=2Pn
t+k=2Pn+P/2
P*cosx+P*sinx=2Pn+P/2
cosx+sinx=2n+½
V(2)*(sinx/V2+cosx/V2)=2n+½
1/V2=sint
1/V2=cost
t=P/4
V2*(sinx*cosP/4+sinP/4*cosx)=2n+½
V2*sin(x+P/4)=2n+½
sin(x+P/4)=(2n+½)/V2
n=0
sin(x+P/4)=1/2V2
x+P/4=arcsin(1/2V2)+2Pn
x+P/4=P-arcsin(1/2V2)+2Pn
x1=arcsin(1/2V2)+2Pn-P/4
x2=3P/4-arcsin(1/2V2)+2Pn

cos((t+P/2-k)/2)=0
(t+P/2-k)/2=P/2+Pn
t+P/2-k=P+2Pn
t-k=P/2+2Pn
P*cosx-P*sinx=P/2+2Pn
cosx-sinx=2n+½
sinx-cosx=-2n-½
V(2)*(sinx/V2-cosx/V2)=-2n-½
1/V2=cost
-1/V2=sint
t=7P/4
V2*(sinx*cos7P/4+sin7P/4*cosx)=-2n-½
sin(x+7P/4)=-(2n+½)/V2
n=0
sin(x+7P/4)=-1/2V2
x+7P/4=arcsin(-1/2V2)
x+7P/4=P-arcsin(-1/2V2)
x1=arcsin(-1/2V2)-7P/4
x2=-arcsin(-1/2V2)-3P/4

Ответ: arcsin(1/2V2)+2Pn-P/4; 3P/4-arcsin(1/2V2)+2Pn; arcsin(-1/2V2)-7P/4;
-arcsin(-1/2V2)-3P/4