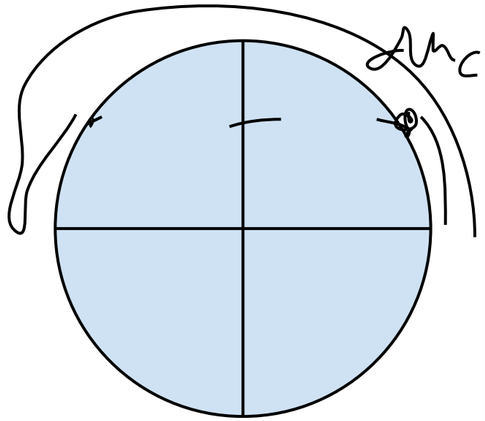
sin(Pcosx)=cos(Psinx)
sin(Pcosx)=sin(P/2 - Psinx)
sin(Pcosx)-sin(P/2 - Psinx)=0
2cos([Pcosx+P/2-Psinx]/2)*sin([Pcosx-P/2+Psinx]/2)=0

cos([Pcosx+P/2-Psinx]/2)=0
[Pcosx+P/2-Psinx]/2=P/2 + Pk
[2Pcosx+P-2Psinx]=2P + 4Pk
2cosx+1-2sinx=2 + 4k
2cosx-2sinx=1 + 4k
cosx-sinx=(1 + 4k) / 2
V2*(V2/2 * cosx - V2/2 * sinx) = (1 + 4k) / 2
V2*(-V2/2 * sinx + V2/2 * cosx) = (1 + 4k) / 2
cosw = -V2/2 , sinw = V2/2 w=3P/4
V2*(cos(3P/4) * sinx + sin(3P/4) * cosx) = (1 + 4k) / 2
V2*sin(x + 3P/4) = (1 + 4k) / 2
sin(x + 3P/4) = (1 + 4k) / 2V2
sin(x + 3P/4) = (1 + 4k)V2 / 4
x + 3P/4 = arcsin((1 + 4k)V2 / 4) + 2Pm
x= - 3P/4 + arcsin((1 + 4k)V2 / 4) + 2Pm

x + 3P/4 = P - arcsin((1 + 4k)V2 / 4) + 2Pm
x= P/4 - arcsin((1 + 4k)V2 / 4) + 2Pm

sin([Pcosx-P/2+Psinx]/2)=0
[Pcosx-P/2+Psinx]/2=Pk
[Pcosx-P/2+Psinx]=2Pk
[cosx-1/2+sinx]=2k
[cosx+sinx]=(4k+1) / 2
V2*sin(x+P/4)=(4k+1) / 2
sin(x+P/4)=(4k+1)V2 / 4
x + P/4 = P - arcsin((1 + 4k)V2 / 4) + 2Pm
x= - P/4 + arcsin((1 + 4k)V2 / 4) + 2Pm
x= 3P/4 - arcsin((1 + 4k)V2 / 4) + 2Pm



|(4k+1)V2 / 4|<=1
|(4k+1) |<=4/V2
4k+1<=4/V2 k<=(4-V2)/4V2 k<=(4-V2)V2/8
4k+1>=-4/V2 k>=(-4-V2)/4V2 k>=(-4-V2)V2/8

k=0

x= - 3P/4 + arcsin((1 + 4k)V2 / 4) + 2Pm
x= P/4 - arcsin((1 + 4k)V2 / 4) + 2Pm
x= - P/4 + arcsin((1 + 4k)V2 / 4) + 2Pm
x= 3P/4 - arcsin((1 + 4k)V2 / 4) + 2Pm

x= - 3P/4 + arcsin(V2 / 4) + 2Pm
x= P/4 - arcsin((V2 / 4) + 2Pm
x= - P/4 + arcsin((V2 / 4) + 2Pm
x= 3P/4 - arcsin((V2 / 4) + 2Pm

sin2x*sin6x*cos4x+(¼)*cos12x=0