sin4x = (1+V2)(sin2x + cos2x - 1)
2sin2x*cos2x=(1+V2)(sin2x + cos2x - 1)
2sin2x*cos2x+1=(1+V2)(sin2x + cos2x - 1)+1
2sin2x*cos2x+sin^2 2x+ cos^2 2x=(1+V2)(sin2x + cos2x - 1)+1
(sin 2x+ cos 2x)^2=(1+V2)(sin2x + cos2x - 1)+1
y=sin 2x+ cos 2x
y^2=(1+V2)(y-1)+1
y^2=y-1+V2 y-V2+1
y^2-y-yV2+V2=0
y^2 + y(-1-1V2) + V2=0
(y^2-yV2)+(V2-y)=0
y(y-V2)-(y-V2)=0
(y-1)(y-V2)=0
y=1 y=V2
sin 2x+ cos 2x=1
V2*sin(2x+P/4)=1
sin(2x+P/4)=V2/2
2x+P/4=P/4+2Pk
2x=2Pk
x=Pk
2x+P/4=P-P/4+2Pk
2x=P/2+2Pk
x=P/4+Pk

sin 2x+ cos 2x=V2
V2*sin(2x+P/4)=V2
sin(2x+P/4)=1
2x+P/4=P/2+2Pk
2x=P/4+2Pk
x=P/8+Pk
ответ:Pk;P/4+Pk;P/8+Pk

2x=V2(sin2x*1/V2+cos2x*1/V2)=V2(sin2x*cosP/4+cos2x*sinP/4)=V2*sin(2x+P/4)
cost=V2/2
sint=V2/2
t=P/4