cos1 + cos2+ cos3 + … +cosn=A | sin1/2

sinx*cosy=½[sin(x+y) + sin(x-y)]

cos(0*2P/n*k) + cos(1*2P/n*k)+ cos(2*2P/n*k)+...
…+cos((n-1)2p/n*k)=0

$3(a+b+c)=0$

$a+b+c=0$

$(a+b)+(a+c)+(b+c)$

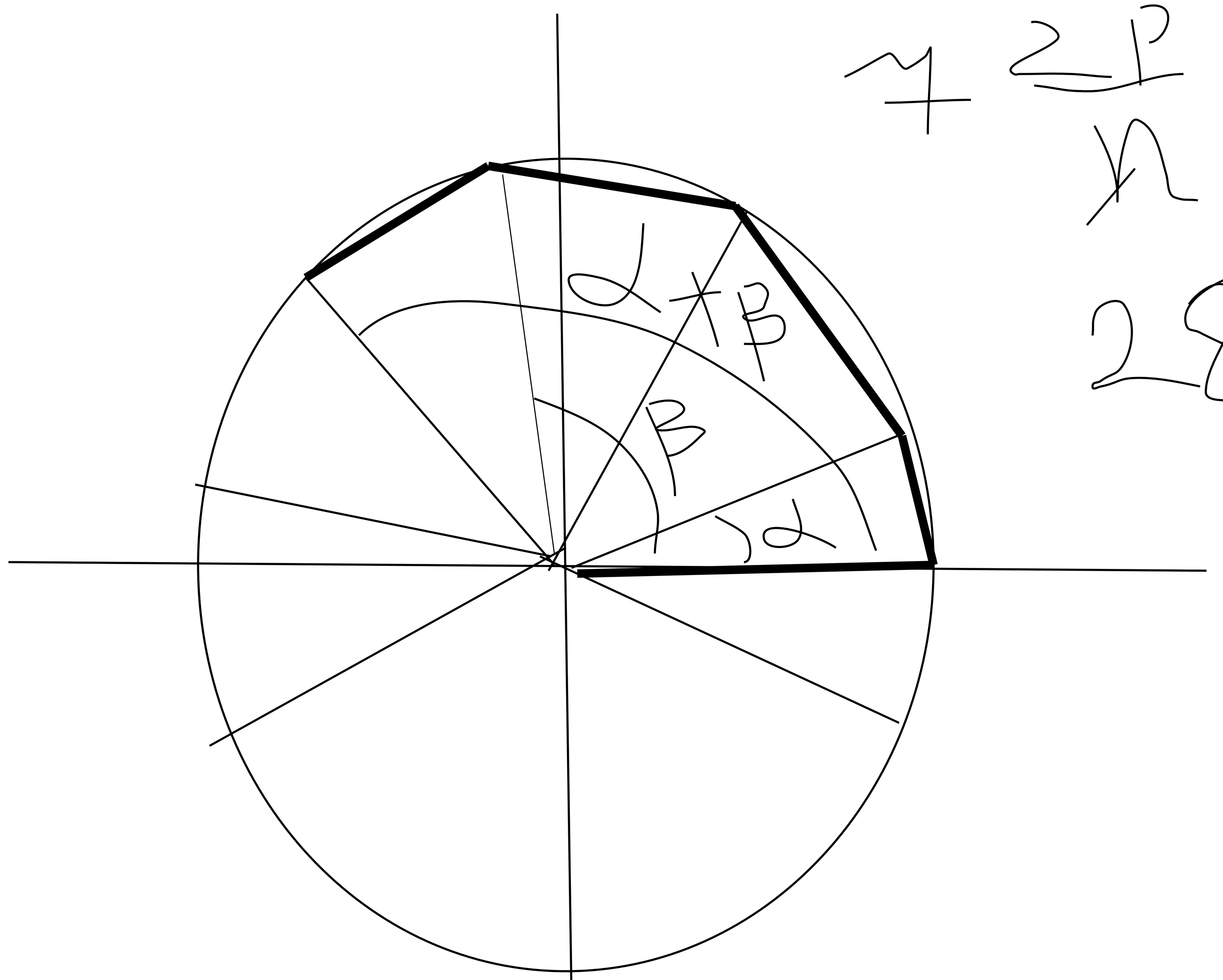
$a+b+c=0$

cos^2(1)+cos^2(2)+...+cos^2(90-2)+cos^2(90-1)......+cos^2(180-1)+cos^2(180)=

n_V1(cosa+isina)*n_V1(cosa+isina)=n_V1(cosa+isina)

$\frac{2P}{n}\cdot k \quad \frac{2P}{n}\cdot t$

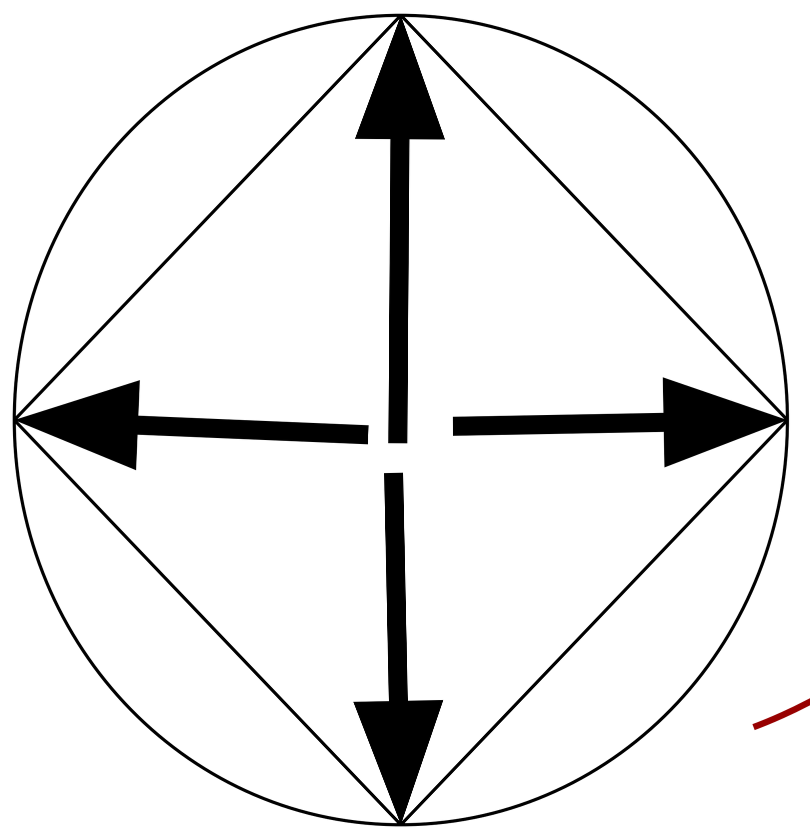
$\frac{2P}{n}(k+t)$



$+\frac{2P}{n}\cdot \cancel{2\pi}$

$28P$

$-\frac{1}{2}+\frac{\sqrt{3}}{2}i+-\frac{1}{2}-\frac{\sqrt{3}}{2}i+1$



$k0\cdot\frac{2P}{n}, \quad k1\cdot\frac{2P}{n}, \quad k2\frac{2P}{n}, \quad k(n-1)\frac{2P}{n}$

$\cancel{kt2\pi = k\cdot\frac{v2P}{n}}$