1) 2= 9, +ib, 2= 92+ib 2, 22 = 9, 92 + 26, 62 + 69, 62 + 66, 92 = 9, 92 - 6, 62 + 69, 62 + 66, 92 = 231231= [(a,a2-b,b) + (a,b2+b,a2) = =[a,2,2-24,0,5,6,2+6,6,2+0,2+24,0,4,6,2+6,4,2 $|2| = |(a_1)^2 + (b_1)^2 = |a_1^2 + b_1^2 |2| = |(a_2)^2 + (b_2)^2 = |a_3^2 + b_3^2|$ 12,11221=(a,26) (a2+62)=(a,202+6,62+a,62+b,62) (23) = N9,92+562+9,52+6,02 (cool) + (sin 03) 2=19,+62 (000,+idino,) - 102+62 (10002+101002)=22 2,22=Na,25,2 Na,262 (costo, +isint) (costotisint) = 123 / cost, costs + ivin 0, costs + acost but into - sinterints = 123/(080, cost2-4in6, sinb2+ibind, cost2+(080, sinb2) $ain(\theta_1+\theta_2)$ $(os(\theta_1+\theta_2)$ 2,22= 123/ cos(0,+02) + (sin(0,+02) 2,22=23 $Z_3 = |Z_3| \cos(\theta_3) + i\sin(\theta_3) \quad \therefore \quad \theta_1 + \theta_2 = \theta_3$

 $arg(z_3) = arg(z_1) + arg(z_2)$

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Mathematica eigen agotem

4,696+21+8,342y-14=0 7 y= -0.52+-0.30/6

1+i+3,696(-0.527-0.301i)-iz=0 -0.937-0.1126-iz=0.937+0.112i $\int_{0}^{2\pi} \left| \frac{1}{2} \left(\frac{1}{2} \right)^{2} \right| = \int_{0}^{2\pi} \left| \frac{1}{2} \left(\frac{1}{2} \right)^{2} + \frac{1}{2} \left(\frac{1}{2} \right)^{2}$

X=2.18/ -1.178x +(1-i)g+212=0 $\frac{(1+i)x - 0.178y - i2 = 0 \rightarrow (1+i)x - 0.178y - i\frac{2ix}{-1.10x} + \frac{(1+i)x - \frac{12}{1.178}}{-1.10x} - \frac{(1+i)x - \frac{12}{1.178}}{-1.10x} - \frac{(1+i)x - \frac{12}{1.178}}{-1.10x} - \frac{(1+i)x - \frac{12}{1.178}}{-1.10x} - \frac{(1+i)x - \frac{12}{1.178}}{-1.10x}$ -1.178x+(1-i)(1+i)x-2/3 +2i(2ix -1/178 -1/178) 50 -1.178x+(1-i)(1+i)x - 2.531x + 2i(-1.698ix + i)(1+i)x - 2.531x = 0-1.178x + 2.991x - 2.531x + (3.396x - 1.699)(-1.041x + 1.490ix) $-1.178x + 2.991x - 2.531x - -3.534x^2 + 1.768x + 5.060ix^2 - 2.530$ $-0.59x + 1.526x^2 - 2.53 = 6 \quad x = 1.123$ $y = \frac{(1+i)(1/23) - 2(1/23)}{1/126} = -2.041 + 2.924i$ 2 = (-1.648i(1/23+i))(1+i)(1/23) - 25314i(1/23) = (1.088)(-1.169+1.674i) = 1.237i + 1.71(1.123) +1-2.04/1+2.924/4 + 11.237/4+1.77/4=1 1.266+4.166a+8.550a2+1.530a2+3.136a=1

$$\frac{3.518}{(-2.518 \ 1-i \ 2i)} \begin{pmatrix} x \\ y \\ -16 \end{pmatrix} = \frac{1}{1.518} - i \\
-16 \quad i \quad -2.518 \end{pmatrix} \begin{pmatrix} x \\ y \\ -16 \end{pmatrix} = \frac{1}{1.518} - i \\
-16 \quad i \quad -2.518 \end{pmatrix} \begin{pmatrix} x \\ y \\ -16 \end{pmatrix} = \frac{1}{1.518} - i \\
-1.518x + y - (y + 2i = 0 \rightarrow -2.518) \begin{pmatrix} x \\ y \\ -1 \end{pmatrix} + y - (y + 2i = 0 \rightarrow -2.518) \begin{pmatrix} x \\ y \\ -1 \end{pmatrix} + y - (y + 2i = 0 \rightarrow -2.518) \begin{pmatrix} x \\ -1 \end{pmatrix} + y - (y + 2i = 0 \rightarrow -2.518) \begin{pmatrix} x \\ -1 \end{pmatrix} + y - (y + 2i = 0 \rightarrow -2.518) \begin{pmatrix} x \\ -1 \end{pmatrix} + y - (y + 2i = 0 \rightarrow -2.518) \begin{pmatrix} x \\ -1 \end{pmatrix} + y - (y + 2i = 0 \rightarrow -2.518) \begin{pmatrix} x \\ -1 \end{pmatrix} + y - (y + 2i = 0 \rightarrow -2.518) \begin{pmatrix} x \\ -1 \end{pmatrix} + y - (y + 2i = 0 \rightarrow -2.518) \begin{pmatrix} x \\ -1 \end{pmatrix} + y - (y + 2i = 0 \rightarrow -2.518) \begin{pmatrix} x \\ -1 \end{pmatrix} + y - (y + 2i = 0 \rightarrow -2.518) \begin{pmatrix} x \\ -1 \end{pmatrix} + y - (y + 2i = 0 \rightarrow -2.518) \begin{pmatrix} x \\ -1 \end{pmatrix} + y - (y + 2i = 0 \rightarrow -2.518) \begin{pmatrix} x \\ -1 \end{pmatrix} + y - (y + 2i = 0 \rightarrow -2.518) \begin{pmatrix} x \\ -1 \end{pmatrix} + y - (y + 2i = 0 \rightarrow -2.518) \begin{pmatrix} x \\ -1 \end{pmatrix} + y - (y + 2i = 0 \rightarrow -2.518) \begin{pmatrix} x \\ -1 \end{pmatrix} + y - (y + 2i = 0 \rightarrow -2.518) \begin{pmatrix} x \\ -1 \end{pmatrix} + y - (y + 2i = 0 \rightarrow -2.518) \begin{pmatrix} x \\ -1 \end{pmatrix} + y - (y + 2i = 0 \rightarrow -2.518) \begin{pmatrix} x \\ -1 \end{pmatrix} + y - (y + 2i = 0 \rightarrow -2.518) \begin{pmatrix} x \\ -1 \end{pmatrix} + y - (y + 2i = 0 \rightarrow -2.518) \begin{pmatrix} x \\ -1 \end{pmatrix} + y - (y + 2i = 0 \rightarrow -2.518) \begin{pmatrix} x \\ -1 \end{pmatrix} + y - (y + 2i = 0 \rightarrow -2.518) \begin{pmatrix} x \\ -1 \end{pmatrix} + y - (y + 2i = 0 \rightarrow -2.518) \begin{pmatrix} x \\ -1 \end{pmatrix} + y - (y + 2i = 0 \rightarrow -2.518) \begin{pmatrix} x \\ -1 \end{pmatrix} + y - (y + 2i = 0 \rightarrow -2.518) \begin{pmatrix} x \\ -1 \end{pmatrix} + y - (y + 2i = 0 \rightarrow -2.518) \begin{pmatrix} x \\ -1 \end{pmatrix} + y - (y + 2i = 0 \rightarrow -2.518) \begin{pmatrix} x \\ -1 \end{pmatrix} + y - (y + 2i = 0 \rightarrow -2.518) \begin{pmatrix} x \\ -1 \end{pmatrix} + y - (y + 2i = 0 \rightarrow -2.518) \begin{pmatrix} x \\ -1 \end{pmatrix} + y - (y + 2i = 0 \rightarrow -2.518) \begin{pmatrix} x \\ -1 \end{pmatrix} + y - (y + 2i = 0 \rightarrow -2.518) \begin{pmatrix} x \\ -1 \end{pmatrix} + y - (y + 2i = 0 \rightarrow -2.518) \begin{pmatrix} x \\ -1 \end{pmatrix} + y - (y + 2i = 0 \rightarrow -2.518) \begin{pmatrix} x \\ -1 \end{pmatrix} + y - (y + 2i = 0 \rightarrow -2.518) \begin{pmatrix} x \\ -1 \end{pmatrix} + y - (y + 2i = 0 \rightarrow -2.518) \begin{pmatrix} x \\ -1 \end{pmatrix} + y - (y + 2i = 0 \rightarrow -2.518) \begin{pmatrix} x \\ -1 \end{pmatrix} + y - (y + 2i = 0 \rightarrow -2.518) \begin{pmatrix} x \\ -1 \end{pmatrix} + y - (y + 2i = 0 \rightarrow -2.518) \begin{pmatrix} x \\ -1 \end{pmatrix} + y - (y + 2i = 0 \rightarrow -2.518) \begin{pmatrix} x \\ -1 \end{pmatrix} + y - (y + 2i = 0 \rightarrow -2.518) \begin{pmatrix} x \\ -1 \end{pmatrix} + y - (y + 2i = 0 \rightarrow -2.518) \begin{pmatrix} x \\ -1 \end{pmatrix} + y - (y + 2i = 0 \rightarrow -2.518) \begin{pmatrix} x \\ -1 \end{pmatrix} + y - (y + 2i = 0 \rightarrow -2.518) \begin{pmatrix} x \\ -1 \end{pmatrix} + y - (y + 2i = 0 \rightarrow -2.518) \begin{pmatrix} x \\ -1 \end{pmatrix} + y - (y + 2i = 0 \rightarrow -2.518) \begin{pmatrix} x \\ -1 \end{pmatrix} + y - (y + 2i = 0 \rightarrow -2.518) \begin{pmatrix} x \\ -1 \end{pmatrix} + y - (y + 2i = 0$$

$$\left(-.548a \right)^{2} + (1.117a)^{2} + (1.026a)^{\frac{1}{4}} (.284)^{2} + a^{2} = 1$$

$$1300a^{2} + 1.248a^{2} + 1.204a^{2} + .081a^{2} + a^{2} = 1$$

$$3.83a^{2} = 1$$

$$a = .511$$

$$\left(-.280 + .571i \right)$$

$$-.560 - .145i$$

$$.511$$

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$$|R_{2}| = |A_{1}| + |A_{2}| + |A_{3}| + |A_{$$

$$|Y_{3}\rangle = \frac{1}{\pi} \frac{1+\gamma + e^{i\frac{\pi}{4}} \frac{1}{2}}{e^{i\frac{\pi}{4}} \frac{1}{2}} = \frac{1}{\pi} \frac{1+\gamma + e^{i\frac{\pi}{4}} \frac{1}{2}}{e^{i\frac{\pi}{4}} \frac{1+\gamma + e^{i\frac{\pi}{4}} \frac{1}{2}}{e^{i\frac{\pi}{4}} \frac{1+\gamma + e^{i\frac{\pi}{4}} \frac{1+\gamma + e^{i$$

 $|f_{12}| = \frac{1}{5} | 4 + i \frac{1}{5} | 7$ $|f_{12}| = \frac{1}{5} | 4 + i \frac{1}{5} | 7 + i \frac{1}{5}$