$$(2i)^{2} + (1-7i)^{2} - 5 = 0$$

$$2^{2} + \frac{(1-7i)}{(2+i)} = 0$$

$$\frac{1-7i}{2+i} = \frac{(1-7i)(2-i)}{5} = \frac{2-i-1+i-7}{5} = \frac{-5-15i}{5} = -1-3i$$

$$\frac{5}{(2ii)} = \frac{10-5i}{5} = 2-i$$

$$\frac{(2+i)}{z^{2}} + (-1-3i)z - 2+i = 0 = (\frac{1+3i}{z})^{2} = (\frac{1+3i}{2})^{2} + 2-iz = 0$$

$$W^{2} = \frac{1-9+6i}{4} + 2-i = \frac{8+6i}{4} + 2-i = \frac{8+6i}{4}$$

$$\omega^{2} = \frac{-8+6i+8-4i}{4} = \frac{1}{2}i$$

$$w = a + bi$$
 $|w^2| = |w|^2 = \sqrt{\frac{1}{4}} = \frac{1}{2}$ 

$$a^{2}-b^{2}=0$$
 $2a^{2}=\frac{1}{2}$ 
 $a=\pm \frac{1}{2}$ 
 $b=\pm \frac{1}{2}$ 

$$\lambda ab = \frac{1}{2}$$
 $\omega_{i} = \frac{1}{2} - \frac{1}{3} = \frac{1}{3} + \frac{1}{3}$ 

$$w_{i} = 2_{i} - \frac{1}{2} = \frac{1}{2} + \frac{1}{2}$$

$$Z_1 = \frac{1}{2} + \frac{1}{2}i + \frac{1}{2}i + \frac{3}{2}i = 1 + 2i$$

$$W_2 = 22 - \frac{(1+3i)}{2} = -\frac{1}{2} - \frac{1}{2}i$$

$$z_2 = -\frac{1}{2} - \frac{1}{2}i + \frac{1}{2}i + \frac{3}{2}i = i$$