Преобразование отражения на

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$$\left(\frac{5}{7}\right) = \left(\frac{\cos \theta}{2} - \sin \frac{\theta}{2}\right) \left(\frac{5}{7}\right) = \left(\frac{\cos \theta}{2} + \sin \frac{\theta}{2}\right) \left(\frac{\cos \theta}{2}\right) \left(\frac{\cos \theta}{2}\right) = \left(\frac{\cos \theta}{2} + \sin \frac{\theta}{2}\right) \left(\frac{\cos \theta}{2}\right) \left(\frac{\cos \theta}{2}\right) = \left(\frac{\cos \theta}{2} + \sin \frac{\theta}{2}\right) \left(\frac{\cos \theta}{2}\right) \left(\frac{\cos \theta}{2}\right) = \left(\frac{\cos \theta}{2} + \sin \frac{\theta}{2}\right) \left(\frac{\cos \theta}{2}\right) \left(\frac{\cos \theta}{2}\right) \left(\frac{\cos \theta}{2}\right) = \left(\frac{\cos \theta}{2}\right) \left$$

$$y = \begin{pmatrix} \cos \frac{\theta}{2} - \sin \frac{\theta}{2} \\ \sin \frac{\theta}{2} & \cos \frac{\theta}{2} \end{pmatrix} \begin{pmatrix} \xi \\ -\gamma' \end{pmatrix} = \\ \begin{pmatrix} \cos \frac{\theta}{2} - \sin \frac{\theta}{2} \\ \sin \frac{\theta}{2} & \cos \frac{\theta}{2} \end{pmatrix} \begin{pmatrix} 1 & 0 \\ 0 & -1 \end{pmatrix} \begin{pmatrix} \xi \\ \gamma' \end{pmatrix} = \\ \begin{pmatrix} \cos \frac{\theta}{2} & \sin \frac{\theta}{2} \\ \sin \frac{\theta}{2} & -\cos \frac{\theta}{2} \end{pmatrix} \begin{pmatrix} \cos \frac{\theta}{2} & \sin \frac{\theta}{2} \\ -\sin \frac{\theta}{2} & \cos \frac{\theta}{2} \end{pmatrix} \begin{pmatrix} \xi \\ \gamma \end{pmatrix} = \\ \begin{pmatrix} \cos^2 \frac{\theta}{2} - \sin^2 \frac{\theta}{2} \\ -\sin \frac{\theta}{2} & \cos \frac{\theta}{2} \end{pmatrix} \begin{pmatrix} \sin \frac{\theta}{2} \\ \sin \frac{\theta}{2} - \cos^2 \frac{\theta}{2} \end{pmatrix} \begin{pmatrix} \xi \\ \gamma \end{pmatrix} = \\ \begin{pmatrix} \cos^2 \frac{\theta}{2} - \sin^2 \frac{\theta}{2} \\ -\sin \frac{\theta}{2} & \sin \frac{\theta}{2} \end{pmatrix} \begin{pmatrix} \xi \\ \gamma \end{pmatrix} = \\ \begin{pmatrix} \cos \theta & \sin \theta \\ \sin \theta & -\cos \theta \end{pmatrix}$$

$$\begin{cases} \psi = \begin{pmatrix} \cos \theta & \sin \theta \\ \sin \theta & -\cos \theta \end{pmatrix}$$

$$\begin{cases} \sin \theta - \cos \theta \\ \sin \theta & -\cos \theta \end{pmatrix}$$

$$\begin{cases} \sin \theta - \cos \theta \\ \sin \theta & -\cos \theta \end{pmatrix}$$