$$Renk = 2 \qquad U = M \cdot D^{TV} V = M$$

$$V = M \cdot D \cdot V = M$$

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=> lightvalues 0,9,11

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Clymvectors for
$$U: \begin{pmatrix} 2-\lambda & 3 & 3 \\ 3 & 9-\lambda & 0 \\ 3 & 0 & 9-\lambda \end{pmatrix}$$

$$\begin{pmatrix} -9 & 3 & 3 \\ 3 & -2 & 0 \\ 3 & 0 & -2 \end{pmatrix} \begin{pmatrix} x_1 \\ x_2 \\ x_2 \\ 3 & 0 & -2 \end{pmatrix} \begin{pmatrix} x_1 \\ x_2 \\ x_2 \\ 3 & 0 & -2 \end{pmatrix} \begin{pmatrix} x_1 \\ x_2 \\ x_2 \\ x_3 \end{pmatrix} \begin{pmatrix} x_1 \\ x_1 \\ x_2 \\ x_3 \end{pmatrix} \begin{pmatrix} x_1 \\ x_1 \\ x_2 \\ x_3 \end{pmatrix} \begin{pmatrix} x_1 \\ x_1 \\ x_2 \\ x_3 \end{pmatrix} \begin{pmatrix} x_1 \\ x_1 \\ x_2 \\ x_3 \end{pmatrix} \begin{pmatrix} x_1 \\ x_1 \\ x_2 \\ x_3 \end{pmatrix} \begin{pmatrix} x_1 \\ x_1 \\ x_2 \\ x_3 \end{pmatrix} \begin{pmatrix} x_1 \\ x_1 \\ x_2 \\ x_3 \end{pmatrix} \begin{pmatrix} x_1 \\ x_1 \\ x_2 \\ x_3 \end{pmatrix} \begin{pmatrix} x_1 \\ x_1 \\ x_2 \\ x_3 \end{pmatrix} \begin{pmatrix} x_1 \\ x_1 \\ x_2 \\ x_3 \end{pmatrix} \begin{pmatrix} x_1 \\ x_1 \\ x_2 \\$$

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light lies for "V" is 11 9:

$$M_1 = 11$$
 yields

 $(10-11) = \begin{pmatrix} -1 & 1 & 9 \\ 1 & -1 & 1 \end{pmatrix} = \begin{pmatrix} 0 & 0 & 1 \\ 1 & -1 & 1 \end{pmatrix} = \begin{pmatrix} 1 & -1 \\ 1 & -1 & 1 \end{pmatrix} = \begin{pmatrix} 0 & 0 & 1 \\ 1 & -1 & 1 \end{pmatrix} = \begin{pmatrix} 1 & -1 \\ 1 & 1 & 1 \end{pmatrix} = \begin{pmatrix} 1 & 1 \\ 1 & 1 & 1 \end{pmatrix} = \begin{pmatrix} 1 & 1 \\ 1 & 1 & 1 \end{pmatrix} = \begin{pmatrix} 1 & 1 \\ 1 & 1 & 1 \end{pmatrix} = \begin{pmatrix} 1 & 1 \\ 1 & 1 & 1 \end{pmatrix} = \begin{pmatrix} 1 & 1 \\ 1 & 1 & 1 \end{pmatrix} = \begin{pmatrix} 1 & 1 \\ 1 & 1 & 1 \end{pmatrix} = \begin{pmatrix} 1 & 1 \\ 1 & 1 & 1 \end{pmatrix} = \begin{pmatrix} 1 & 1 \\ 1 & 1 & 1 \end{pmatrix} = \begin{pmatrix} 1 & 1 \\ 1 & 1 & 1 \end{pmatrix} = \begin{pmatrix} 1 & 1 \\ 1 & 1 & 1 \end{pmatrix} = \begin{pmatrix} 1 & 1 \\ 1 & 1 & 1 \end{pmatrix} = \begin{pmatrix} 1 & 1 \\ 1 & 1 & 1 \end{pmatrix} = \begin{pmatrix} 1 & 1 \\ 1 & 1 & 1 \end{pmatrix} = \begin{pmatrix} 1 & 1 & 1 \\ 1 & 1 & 1$