

M / \mathbb{T}^8 compactification/no winding

$$\begin{bmatrix} \mathbf{H} \\ 4 \end{bmatrix} \ominus \begin{bmatrix} 8 \\ 0 \end{bmatrix} = \begin{bmatrix} 3 \\ 4 \end{bmatrix} \text{ min pos roots}$$

$$\alpha_0 = C_{11} - C_{10}$$

$$\alpha_1 = C_{10} - C_9$$

$$\alpha_2 = C_9 - C_8$$

$$\alpha_3 = C_8 - C_7$$

$$\alpha_4 = C_7 - C_6$$

$$\alpha_5 = C_6 - C_5$$

$$\alpha_6 = C_5 - C_4$$

$$\gamma = C_4$$

$$\beta = C_0 - C_{11} - C_{10} - C_9$$