Picture of $Sp(4, \mathbb{R})$ lowest $K$-types

February 13, 2020

These are the representations of $K = U(2)$ for $G = Sp(4, \mathbb{R})$, parametrized by pairs of integers $a \geq b$. They are grouped in families as lowest $K$-types of a particular series of representations, one for each $KGB$ element $x$ with no complex descents. CORRECTED numbering of x 2/13/20.