$Sp(4,\mathbb{R})$ K-types of standard rep for `x=5`

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In blue are K-types of the standard representation `parameter(KGB(G,5),[1,1],[0,3])`; these do not depend on `nu = [0,3]`. Changing `lambda = [1,1]` to `[lambda1,lambda2]` again gives an infinite triangle bounded on the left by the line `[lambda1+1, *]` and above by the edge of the dominant chamber.

The bottom layer K-types are larger blue dots, line along the left; $(2, 1-2k)$ corresponds to $U(1)$-type $(-2k)$ for $L = Sp(2,\mathbb{R})$, in the principal series `parameter(KGB(L,2),[1],[3])` (depicted on the left edge of the picture).

Signatures of the invariant Hermitian form at `nu=[0,3]` are shown in red next to each bottom layer K-type; they match the $Sp(2,R)$ signatures on the left.