$K_1$ . It is actually a bit easier to see (equivalently) that  $\pi g^{-1}$  conjugates  $K_1$  to  $K_2$ . Suppose that  $k \in K_1$ , so that

$$I_{p,2q+1,p}kI_{p,2q+1,p}=k.$$

Then since g commutes with  $I_{p,2q+1,p}$ , we have

$$(gI_{p,2q+1,p}g^{-1})k(gI_{p,2q+1,p}g^{-1}) = k,$$

SO

$$I_{p,2q+1,p}(g^{-1}kg)I_{p,2q+1,p} = g^{-1}kg.$$

Now, since  $\pi I_{p,2q+1,p}\pi = I_{2p,2q+1}$ , and since  $\pi^2 = \text{Id}$ , we have

$$(\pi I_{p,2q+1,p}\pi)(\pi g^{-1}kg\pi)(\pi I_{p,2q+1,p}\pi) = \pi g^{-1}kg\pi,$$

SO

$$I_{2p,2q+1}(\pi g^{-1}kg\pi)I_{2p,2q+1} = \pi g^{-1}kg\pi.$$

This says that  $\pi g^{-1}kg\pi \in K_2$ . Thus  $g\pi$  conjugates  $K_2$  to  $K_1$ .

Now, with that established, given a representative  $F_{\bullet}$  of the  $K_2$ -orbit on X given by some symmetric (2p, 2q + 1)-clan, to get a representative of the  $K_1$ -orbit corresponding to that same clan, we just act on the flag  $F_{\bullet}$  by the matrix  $g\pi$  to get the new flag  $F'_{\bullet} = g\pi F_{\bullet}$ . The flag  $F_{\bullet}$  is isotropic with respect to the diagonal form, so the flag  $F'_{\bullet}$  is isotropic with respect to the anti-diagonal form.

Let us look at a small example which illustrates the method just described for finding an isotropic representative of the K'-orbit  $Q_{\gamma}$  corresponding to a symmetric (2p, 2q + 1)-clan  $\gamma$ . Take p = q = 1, so that n = 2, and so that we are dealing with  $G = SO(5, \mathbb{C})$ ,  $K = S(O(2, \mathbb{C}) \times O(3, \mathbb{C}))$ . Take the symmetric (2, 3)-clan  $\gamma = (1, -, +, -, 1)$ . None of the