

The correct statement at the beginning of §3 should have been that space $\mathcal{P}_{sm}^{\mathbb{R}}/\{\pm 1\}$ has 4 connected components. The space $\mathcal{P}_{sm}^{\mathbb{R}}$ actually has 5 connected components. More precisely, in the decomposition displayed in the first paragraph of §3, the spaces $\mathcal{P}_i^{\mathbb{R}}$ are connected for $i = 0, 1, 2$ while $\mathcal{P}_3^{\mathbb{R}}$ has two connected components, interchanged by negation. This does not affect the rest of the paper, in particular the classification of conjugacy classes of anti-involutions, since the map $(x, y, z) \rightarrow (x, y, -z)$ induces an isomorphism between X_f and X_{-f} .