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Erratum

Erratum to “Oriented matroids, complex manifolds, and a combinatorial model for BU ” [Adv. Math. 179 (2) (2003) 250–290]

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In the proof of Proposition 7.3, the statement on p. 285 that “we can then see that $\|S_+^{\text{ori}}\|$ is contractible by expressing it as a union of $\|S_+^{\text{ori}}\| \setminus \|A\|$ and $\|B\|$, since the inclusion of the intersection $\|B\| \setminus \|A\|$ into $\|B\|$ is a homotopy equivalence” is incorrect. Here $\|S_+^{\text{ori}}\|$ is covered by a contractible open set $O = \|S_+^{\text{ori}}\| \setminus \|A\|$ and a closed set $C = \|B\|$ homotopy-equivalent to $C \cap O$, but it does not follow that $\|S_+^{\text{ori}}\|$ is contractible. This affects the proof of the main theorem, Theorem 5.9, which therefore remains a conjecture.

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