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Doppelgänger posets and the K-theory of flag varieties.

We say two posets are doppelgängers if they have the same order polynomial. Nontrivial examples of doppelgängers are very rare, but Proctor (1983) established a 2-parameter family of examples via representation theory. We reinterpret these examples as statements of K-theoretic Schubert calculus, and use this relation to give the first bijective proof. (Received January 17, 2021)