



Interval Pattern Avoidance for Arbitrary Root Systems

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Abstract. We extend the idea of interval pattern avoidance defined by Yong and the author for S_n to arbitrary Weyl groups using the definition of pattern avoidance due to Billey and Braden, and Billey and Postnikov. We show that, as previously shown by Yong and the author for GL_n , interval pattern avoidance is a universal tool for characterizing which Schubert varieties have certain local properties, and where these local properties hold.

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