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## **Rigidity for Pfaffian Point Processes**

### **Abstract:**

Our first result states that the orthogonal and symplectic Bessel processes are rigid in the sense of Ghosh and Peres. Our argument in the Bessel case proceeds by an estimate of the variance of additive statistics in the spirit of Ghosh and Peres. Second, a sufficient condition for number rigidity of stationary Pfaffian processes, relying on the Kolmogorov criterion for interpolation of stationary processes and applicable, in particular, to Pfaffian sine processes, is given in terms of the asymptotics of the spectral measure for additive statistics.

Joint work with A.Bufetov and Y.Qiu