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*Generalized Schreier Sets, Linear Recurrence Relation, and Turán Graphs*,  
Fibonacci Quart. **60** (2022), no. 4, 352–356.

**Abstract**

We prove a linear recurrence relation for a large family of generalized Schreier sets, which generalizes the Fibonacci recurrence proved by Bird and higher order Fibonacci recurrence proved by the second author, et al. Furthermore, we show a relationship between Schreier-type sets and Turán graphs.