

1145-05-1040

Katie Anders* (kanders@uttyler.edu), **Alissa S. Crans**, **Briana Foster-Greenwood**, **Blake Mellor** and **Julianna Tymoczko**. *Characteristics of graphs admitting only constant splines.*

We study the generalized graph splines introduced by Gilbert, Tymoczko, and Viel. We consider graphs that admit only constant splines and provide a characterization for splines on such graphs over the ring \mathbb{Z}_m . (Received September 18, 2018)