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Harris graphs – a graph theory activity for students and their instructors. (English)


Summary: We define Harris graphs and tell the tale of their discovery. A class can usually find a Harris graph in an hour, but usually not in fifteen minutes, making them an ideal way to teach both graph theory and mathematical perseverance. Their discovery illustrates how inquiry-based learning does not have to be premeditated and can transform the course of a lesson.

MSC:

97K30 Graph theory (educational aspects)
05C45 Eulerian and Hamiltonian graphs

Full Text: DOI

References:


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