

1171-05-140

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*Matching Complexes of Polygonal Tilings.*

In the early 90's significant progress was made to understand the topology of matching complexes for complete graphs and complete bipartite graphs. More recently, the focus has shifted towards matching complexes of forests and polygonal tilings. In this talk, we will focus on recent advances and provide new results regarding the homotopy type of matching complexes for polygonal tilings. (Received August 09, 2021)