学术报告

(3a:a)-list-colorable of embedded graphs of girth at least five

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Abstract：A graph *G* is list *(b :a)*-colorable if for every assignment of lists of size *b* to vertices of *G*, there exists a choice of an *a*-element subset of the list at each vertex such that the subsets chosen at adjacent vertices are disjoint. We prove that for every positive integer *a*, the family of minimal obstructions of girth at least five to list *(3a:a)*-colorability is strongly hyperbolic, in the sense of the hyperbolicity theory developed by Postle and Thomas.

欢迎大家参加！