1009-05-160

Igor Pak* (pak@math.mit.edu.zzz_(delete.zzz)), Room 2-390, Department of Mathematics, MIT, Cambridge, MA. *Evaluations of the Tutte polynomial.*

We will present several recent results on what we call evaluations of the Tutte polynomial: the art of combinatorial interpretations to its values. As often happens, these results are harder to find than to prove, so we plan to elaborate on the motivation and the ideas behind these results rather than give an actual proof. (Received August 15, 2005)