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The algebra of flows in graphs

We give a simple and more explicit description of a graded algebra defined in terms of a graph G nearly 20 years ago. If G has n vertices and c components, then the Poincaré polynomial of this algebra is the specialization $t^{n-c}T(G;t^{-1},1+t)$ of its Tutte polynomial. Recent calculations by Ghislain McKay show that for all simple graphs with up to nine vertices, the sequence of coefficients of this polynomial is logarithmically concave. I will discuss one current approach towards the conjecture that this holds for all graphs.