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Benoit Larose* (larose@mathstat.concordia.ca), Department of Mathematics, Champlain Regional College, 900 Riverside Drive, St-Lambert, QC J4P 3P2, Canada. *Near-unanimity, arc consistency and graph CSPs.*

We investigate the existence of (partially-defined) graph polymorphisms such as near-unanimity and totally symmetric operations and present some interesting consequences for the complexity of various constraint satisfaction problems associated to graphs and digraphs. (Received November 21, 2011)