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T.S.Michael's joint work on intrinsically knotted graphs.

In a 2010 paper, T.S.Michael, Brenda Johnson and the speaker proved that any graph with 20 edges or fewer can be embedded in 3-space so that each cycle in the graph is unknotted. This bound is best possible, since Conway and Gordon had proved in 1983 that the complete graph $K(7)$, with 21 edges, is unknotted. The proof makes heavy use of the delta-wye transformation. (Received August 28, 2018)