

Meeting: 1006, Lubbock, Texas, SS 8A, Special Session on Invariants of Links and 3-Manifolds

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Applications of quandle cocycle invariants to knots and graphs.

This talk is on a joint work with Kheira Ameer, Scott Carter and Shin Satoh. We report new constructions and applications of quandle cocycle invariants. Cocycles are constructed for Alexander quandles by polynomial expressions. Applications to chirality and graphs will be presented. (Received February 14, 2005)