

1131-57-232

Carmen Caprau*, Department of Mathematics, California State University-Fresno, 5245 North Backer Avenue M/S PB 108, Fresno, CA 93740, and **Heather Dye**. *On the $SO(2n)$ polynomial for virtual links*. Preliminary report.

We construct a state-sum formula for a one-variable polynomial invariant of virtual knots and links. When restricted to classical knots and links, the resulting invariant is the $SO(2n)$ polynomial, that is a one-variable specialization of the Dubrovnik polynomial of unoriented classical knots and links. (Received July 16, 2017)