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**Matthew D Overduin\*** (004494229@mycoyote.edu), PO Box 292556, Phelan, CA 92329.

*Three-Variable Bracket Polynomial for Two-Bridge Knots.* Preliminary report.

We derive recursive formulas for the three-variable bracket polynomial of a twist connected to a tangle and for a twist that connects to a tangle in two places. We use these formulas to derive the three-variable bracket polynomial for two-bridge knots. From this, we determine that the highest exponent of  $d$  is equal to the crossing number minus the twist number when the two-bridge knot has no twists with single crossings. We also state a theorem that allows one to determine the number of states corresponding to the maximal exponent of  $d$  for a two bridge knot not containing any twist with single crossings. (Received September 17, 2013)