

1145-57-1817      **Uwe Kaiser\*** ([ukaiser@boisestate.edu](mailto:ukaiser@boisestate.edu)), Department of Mathematics, Boise State University, 1910 University Drive, Boise, ID 83725, and **Rama Mishra**. *Multi-sum representations of the colored Jones polynomial*. Preliminary report.

We relate and study three different multi-sum representations of the colored Jones polynomial of a knot, discuss extensions to the link case and apply to certain families of weaving knots. Special emphasis will be put on understanding non-triviality and cancellation of terms in the multi-sums. (Received September 24, 2018)