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Sherilyn Tamagawa*, Department of Mathematics, South Hall, Room 6607, University of California, Santa Barbara, CA 93106. *Welded Knots and the Infinitesimal Alexander Module*. Preliminary report.

The Infinitesimal Alexander Module (IAM) is a module over the integers which is a welded knot diagram invariant. In this talk, I will describe knots, their generalization to welded knots, and the IAM. I will also show that the IAM is a welded knot invariant. (Received September 12, 2018)