

Finite-Type Invariants of Order 4 for Oriented 2-Component Links

Taizo Kanenobu

We express a basis for the space of finite type invariants of order less than or equal to four for two-component links in terms of the Conway polynomial, the linking number, and the HOMFLYPT polynomial. As an application, we give some formulas relating to the HOMFLYPT and Kauffman polynomials.