The cable Γ-polynomial of a knot

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Abstract. The Γ-polynomial is an invariant of an oriented link, which is the zeroth coefficient polynomial of both the HOMFLYPT polynomial and the Kauffman polynomial. In particular, we study the cable Γ-polynomial of a knot, that is, the Γ-polynomial of a cable knot. I will talk about several results of the 2-cable Γ- polynomials of the Kanenobu knots and the 3-cable Γ-polynomial of a mutant knot.