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Characterizing slopes: explicit bounds for satellite knots

A slope p/q is said to be characterizing for a knot if the homeomorphism type of its p/q-Dehn surgery determines the knot up to isotopy. The existence of a lower bound for $|q|$ that guarantees p/q is characterizing for a given knot has been established in recent work. I am currently collaborating with Laura Wakelin to determine this bound explicitly for an infinite family of satellite knots.