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Nota di contenuto	Introduction -- Some basic facts of knot theory -- Thicknesses of knots -- Ropelengths of knots -- Smooth knots vs knots on the cubic lattice -- Global lower bound on ropelength of knots -- General lower bounds on ropelength of knots -- General upper bounds on ropelength of knots -- Ropelength upper bounds for special classes of knots -- The spectrum of powers realizable by thick knots -- Total curvature of thick knots -- The linking number of a thick link with two or more components -- Some open questions.