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The status of the unknotting theorem in Menger space theory

Abstract: A careful analysis shows that in Bestvina's paper "Characterizing k -dimensional universal Menger compacta" (Mem. Amer. Math. Soc., vol. 380, 1988) only a restricted variant of the Z -unknotting theorem (the so-called tame Z -unknotting theorem) was established. Recently, the means to prove the general Z -unknotting theorem for Menger spaces was suggested by M. Bestvina (private communication). We intend to discuss this approach and suggest a new one.