

1094-57-200

Michael Freedman and **Slava Krushkal***, krushkal@virginia.edu. *Distortion and thickness of complexes in Euclidean space.*

Recent developments in the study of thickness and distortion of complexes embedded in Euclidean spaces will be reviewed: knots and graphs in 3-space, as well as in higher dimensions. Families of 2-complexes K will be introduced whose embedding thickness in 4-space is qualitatively different from the previously observed phenomena in the subject. Their higher-dimensional analogues will also be discussed. (Received August 23, 2013)