Total distance in various settings

Stijn Cambie

Department of Computer Science, KU Leuven Campus Kulak-Kortrijk, 8500 Kortrijk, Belgium. stijn.cambie@kuleuven.be

Abstract

Everyday, hundreds of optimization problems involving distances in (weighted) graphs are solved. As such, there is no doubt that understanding the fundamental behaviour of distances in graphs and related objects is useful. In this talk, we want to give a glimpse on the basics and folklore results in a few settings, as well as questioning some directions of recent research.