

Data compression with partial differential equations

Ramaz Botchorishvili

e-mail: ramaz.botchorishvili@tsu.ge

Department of Mathematics, Department of Computer Sciences, Ivane Javakhishvili Tbilisi State University,
3, I.Chavchavadze Avenue, 0179 Tbilisi, Georgia

New model of data compression is considered. The proposed approach uses partial differential equations. Some properties of the proposed approach are studied in case of one spatial dimension.