Title: Geographical modeling and data modeling

Author: Jiří Roubínek

Department: Mathematical Institute of Charles University

Supervisor: Mgr. Vilém Pechanec, Ph.D.

Supervisor's e-mail address: vilem.pechanec@upol.cz

Abstract:

This work deals with geographical modeling and data modeling. The first part of this work contains the theoretical background of geographical modeling and data modeling.

The second part of this work focuses on building data model for geodata. Data modeling is important part of development of software for geographical modeling and for geographical information systems.

Keywords: model, data, geography, GIS