

**CENTRE FOR REGIONAL STUDIES
OF HUNGARIAN ACADEMY OF SCIENCES**

DISCUSSION PAPERS

No. 56

**Relation Analysis in Rural Space
– A Research Method for Exploring
the Spatial Structure in Hungary –**

by

Irén Szörényiné KUKORELLI

Series editor

Zoltán GÁL

**Pécs
2007**

CONTENTS

1	Introduction.....	5
2	Spatial relation analysis – a method for verifying changing shift directions and for micro-space research.....	5
2.1	The spatial relationship analysis of Répcesfk microregion.....	11
2.1.1	The structure of spatial relations in the microregion'.....	12
2.1.2	Summary of spatial trajectory analysis.....	13
2.2	The spatial relationship analysis of the settlements of Lake Balaton.....	18
2.2.1	Administrative spatial trajectories.....	19
2.2.2	Spatial relations in health service.....	20
2.2.3	The spatial relations of education.....	21
2.2.4	The spatial trajectories of commercial relations.....	23
2.2.5	The spatial relations of financial services.....	25
2.2.6	The spatial relations of recreational activities.....	26
2.2.7	The spatial relations of tourist accommodation.....	27
2.2.8	The general features of spatial relations.....	29
2.2.9	Spatial structure in the reflection of spatial trajectory analysis.....	33
2.3	The analysis of the spatial relations of Szigetköz.....	34
2.3.1	Administrative and official spatial relations.....	37
2.3.2	Commercial spatial relations.....	38
2.3.3	The spatial relations of services.....	39
2.3.4	The breakdown of educational spatial trajectories.....	39
2.3.5	The special features of recreational spatial trajectories.....	40
2.3.6	The spatial trajectories of second-home functions.....	41
2.3.7	The spatial trajectories of commuters.....	42
2.3.8	The microregion's crossborder relations.....	44
2.3.9	Summary of spatial relations.....	44
2.4	The spatial relationship analysis in the urban zone of Győr.....	49
2.4.1	The microregion within the sphere of three cities.....	49
2.4.2	The spatial trajectories of administration.....	50
2.4.3	Commercial spatial trajectories.....	50
2.4.4	The spatial trajectories of financial and other services.....	51
2.4.5	The spatial trajectories of cultural and sports events.....	51
2.4.6	Family relationships.....	52
2.4.7	Crossborder spatial trajectories.....	52
2.4.8	Summary of spatial relations.....	53
3	Conclusion.....	56
	References.....	57
	Annex.....	59