

GERHARD BAHRENBERG und ULRICH STREIT	
Preface	5
ERNST GIESE	
The development and present state of research into 'Quantitative Geography' in the German-speaking countries	9
JOSEF NIPPER	
On the meaning and interpretation of spatial autocorrelation in the analysis of socio-economic spatial structures and spatio-temporal processes	27
ULRICH STREIT	
Analysing spatial data by stochastic methods: Some examples from physical geography	35
FRANZ-JOSEF KEMPER	
On some models of categorial data analysis and their application to geographical problems	45
REINER SCHWARZ	
Reexamination of the German physiographical regionalisation (Naturräumliche Gliederung)	59
WOLFHARD SYMADER	
The application of canonical correlation analysis in geoecology	67
ARIBERT PETERS	
The decomposition of spatial variations into structural and regional components	77
GÜNTER LÜFFLER	
A multivariate analysis of the relationship between different spatial structures -some aspects of developing regional space-(time-)models of Swedish agriculture	91
KURT KLEIN	
Aspects of traffic-zoning in investigating inner-urban consumer traffic with the aid of interaction models	105
GERHARD BAHRENBERG	
A location-allocation model for maximizing supply dispersion of central facilities	115
WOLF GAEBE	
Importance of infrastructure, services and contacts for industrial location decisions	125

WILFRIED WITTENBERG	
Studies on the movement process of industrial plants	135
WOLFGANG TAUBMANN	
Regional division of labour and minimum standards of living conditions in the Federal Republic of Germany	145
HANS KERN	
Representation of soft and hard data for urban areas -case studies in Berlin and Karlsruhe	155
HUBERT BISCHOFF und GEORG HEYGSTER	
Automatic digitization of area-oriented maps	171