Władysław Pawlak	
From the simplification to the cartographic synthesis	9
Tadeusz Chrobak	
Technical and logical bases of cartographic simplification and generalization	23
Michał Stankiewicz	
The problems of selection, simplification and generalization of the new-generation topographic maps content	41
Andrzej Ciołkosz	
The way of portrayal the Earth surface in satellite images and its influence on process of cartographic generalization	50
Robert Olszewski	
The multi-fractal dimensions as a tool of the quantification of the abiotic components of the environment in various observation scales	65
Janusz Ostrowski	
The soil map as an example of multifactor synthesis	82
Jacek Pasławski	
The choropleth method as a kind of generalization	97
Wolf G. Koch, Daniel Eichhorn	
Merkmalstypisierung und kartographische Visualisierung der Bevölkerungsentwicklung	108

Jan Krupski	
Generalization or synthesis of general reference map	119
Waldemar Spallek	
The nature of phenomenon and methods of its cartographic generalization	137
Andrzej Konias	
The characteristic features of selected elements of medium-scal general reference maps (old vs present-day maps)	e 150
Iwona Nakonieczna	
Some issues of using medium-scale complex thematic maps with 1:50 000-scale sozological and hydrological maps of Poland as an example	167
Ewa Krzywicka-Blum	
Factors determining origin of synthesis	176
Wiesława Żyszkowska	
Evolution of map content structure in the process of map generalization	187
Wiesław Ostrowski	
The semiotic base of the cartographic generalization	200