

TABLE OF CONTENTS*

K. Kuratowski (translated by J. Jaworowski)	
On the problem of skew curves in topology	1
G.S. Bloom, J.W. Kennedy and L.V. Quintas	
On crossing numbers and linguistic structures	14
M. Borowiecki	
On hamiltonian matroids	23
M. Fiedler	
Combinatorial properties of sign-patterns in some classes of matrices	28
A. Frank	
Disjoint paths in the plane	33
O. Frank	
Faces and components of random lattices	38
J. Gela	
On the automorphism groups of mapping graphs	46
F. Harary	
An achievement game on a toroidal board	55
I. Havel	
Embedding graphs in undirected and directed cubes	60
J. Jaworski	
On the connectedness of a random bipartite mapping	69
T. Józwiak and M. Borowiecki	
A note on characteristic and permanental polynomials of multigraphs	75
M. Karoński and A. Ruciński	
On the number of strictly balanced subgraphs of a random graph	79
G.O.H. Katona and T.G. Tarján	
Extremal problems with excluded subgraphs in the n-cube	84
J.W. Kennedy, G.S. Bloom, M.T. Mandziuk and L.V. Quintas	
Random graphs and the physical world	94
A. Kościński	
A characterisation of a tree by its vertex - disconnections .	111
M. Kwaśnik	
On the $(K;L)$ -kernels	114
J. Lehel	
A covering theorem for hypergraphs	122

* On joint papers the speaker's name is listed first.

J. Magiera	
Exterior partitions of a rectangle into rectangles and their graphs	125
Z. Majcher	
On sequences representable by Γ^- -regular graphs	131
D. Michalak	
On middle and total graphs with coarseness number equal 1 ...	139
J. Nešetřil and V. Rödl	
Products of graphs and their applications	151
Z. Palka	
The distribution of degrees in random graphs	161
J. Płonka	
On a transposed square of graphs	170
L.V. Quintas, G.S. Bloom and J.W. Kennedy	
Some problems concerning distance and path degree sequences .	179
J. Rajkow-Krzywicki	
Weakly acyclic families of sets: Decomposition, reduction and augmentation	191
A. Recski	
Some recent results on planarity and duality	199
P. Rosenstiehl and H. de Fraysseix	
A discriminatory theorem of Kuratowski subgraphs	214
W. Rytter	
A note on the complexity of traversing a labyrinth	223
H. Sachs	
On a spatial analogue of Kuratowski's theorem on planar graphs - an open problem	230
J. Sedláček	
On local properties of finite graphs	242
M.M. Sysło and A. Proskurowski	
On Halin graphs	248
L. Szamkołowicz	
A note on a generalization of the Trachtenbrot-Zykov problem .	257
J. Topp	
Asymmetric games on digraphs	260
W. Wessel	
Thickness-critical graphs - a generalisation of Kuratowski's topic	266
B. Zelinka	
Domestic number and bichromaticity of a graph	278
J. Žak and F. Halberstam	
A note on planarity and distance degree sequences	286