

Table of Contents

| | |
|---|-----|
| Preface | 1 |
| R. Bodendiek, G. Walter On number theoretical methods in graph labelings | 3 |
| A. Bulatov, A. Krokhin, K. Safin, E. Sukhanov On the structure of clone lattices | 27 |
| I. Chajda Congruence properties of algebras in nilpotent shifts of varieties | 35 |
| S. Dahlke The construction of wavelets on groups and manifolds | 47 |
| K. Denecke, D. Lau, R. Pöschel, D. Schweigert Free clones and solid varieties | 59 |
| K. Denecke, J. Płonka Regularization and normalization of solid varieties | 83 |
| D. Dimovski On $(m+k, m)$ -groups for $k < m$ | 93 |
| J. Duda d-fold projections of subalgebras, homomorphisms, and congruence classes | 101 |
| K. Gajewska-Kurdziel On the lattice of some varieties defined by externally compatible identities | 107 |

| | |
|---|-----|
| E. Graczyńska Regular identities II | 111 |
| K. Halkowska Free algebras over P-compatible varieties | 131 |
| H.-J. Hoehnke On Certain Classes of Categories and Monoids Constructed from Abstract Mal'cev Clones, IV | 137 |
| I. Korec Decidable and undecidable theories of generalized Pascal triangles | 169 |
| V. Levignon, S. E. Schmidt A Geometric Approach to Generalized Matroid Lattices | 181 |
| O. M. Mamedov On the lattice of interpretability types of varieties | 187 |
| I. Mirchev Separable and dominating sets of variables for functions | 191 |
| J. Płonka On hyperidentities of some varieties | 199 |
| M. Reichel Free spectra and hyperidentities | 215 |
| H.-J. Vogel On quasivarieties generated by ∇ -algebras | 227 |
| W. Wessel Are all complete plane multimap but one bounded by Euler only? | 243 |