Vítězslav Novák; Jiří Rosický
In memory of Prof. M. Sekanina, list of publications

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THIS ISSUE OF ARCHIVUM MATHEMATICUM
IS DEDICATED TO THE MEMORY OF

MILAN SEKANINA
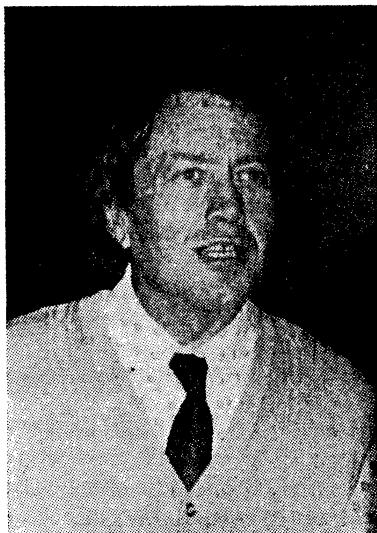
    Milan Sekanina, our distinguished fellow and many years' member of the editorial board of Archivum Mathematicum died on 21st October, 1987 at the age of fifty-six. He influenced considerably the development of mathematics in Czechoslovakia. Topology, the theory of ordered sets, algebra and the theory of graphs were the main fields of his interest. Widely there are known, for instance, his results on hamiltonian properties of powers of graphs. M. Sekanina is also an author of several textbooks of mathematics. The editors of Archivum Mathematicum dedicate this volume to the memory of Milan Sekanina.

V. Novák, J. Rosický

THE LIST OF MILAN SEKANINA'S
SCIENTIFIC PUBLICATIONS

[1] *Úplné systémy okolí množin v obecných topologických prostorech*, Spisy Přír. Fak. MU v Brně 374 (1956), 1—8.

[2] *O jisté charakterizaci kompaktnich množin v euklidovském prostoru*, Čas. pěst. mat. 82 (1957), 129—136.

[3] *Rozklad přimky na shodné trojbodové množiny*, Čas. pěst. mat. 83 (1958), 317—326 (with K. Koutský).

[4] *O rozkladech euklidovských prostorů*, Čas. pěst. mat. 83 (1958), 70—79.

[5] *O jistých rozkladových množinách roviny*, Čas. pěst. mat. 84 (1959), 74—82.

[6] *Замечания к факторизации бесконечной циклической группы*, Czech. Math. J. 9 (1959), 485—495.

[7] *O· jisté vlastnosti soustav nezávislých prvků v abelovské grupě*, Čas. pěst. mat. 85 (1960), 338—341.

[8] *On an ordering of the set of vertices of a connected graph*, Publ. Fac. Sci. Univ. Brno 412 (1960), 137—142.

[9] *On the R-modification and several other modifications of a topology*, Publ. Fac. Sci. Univ. Brno 410 (1960), 45—64 (with K. Koutský).

[10] *On the systems of topologies with a given modification*, Publ. Fac. Sci. Univ. Brno 418 (1960), 425—464 (with K. Koutský).

[11] *Poznámka k faktorisaci nekomutativních grup*, Čas. pěst. mat. 87 (1962), 94—97.

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[15] *On an ordering of the vertices of a graph*, Čas. pěst. mat. 88 (1963), 265—282.

[16] *К факторизации множеста целых неотрицательлых чисел*, Czech. math. J. 14 (1964), 161—170.

[17] *On the commutativity of the modifying*, Publ. Fac. Sci. Univ. Brno 454 (1964), 725—292 (with K. Koutský and V. Polák).

[18] *On ordering of the system of all subset of a given set*, Zeitschr. Math. Logik und Grundl. Math. 9 (1964), 283—301.

[19] *Системы топологий на даном множестве*, Czech. Math. J. 15 (1965), 9—29.

[20] *A remark to the paper M. Froda-Schechter: Préordres et équivalences dans l'ensemble des familles d'un ensemble*, Arch. Math. (Brno), 1 (1965), 57—58.

[21] *Equivalent systems of sets and homeomorphic topologies*, Czech. Math. J. 15 (1965), 323—328 (with F. Neuman).

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[32] *Embedding of the category of ordered sets in the category of semigroups*, Acta Fac. Rer. Nat. Univ. Comen. − Mathematica 1971, 77−79.

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[61] *A metric for graphs*, Čas. pěst. mat. 111 (1986), 431 – 433 (with V. Baláš, J. Koča and V. Kvasnička).

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[63] *On a certain type of linear extensions of finite posets*, (with A. Sekaninová), to appear.

[64] *The factors in powers of infinite graphs*, to appear.