Forgotten mathematician Henry Lowig (1904–1995)

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List of reviews by Henry Lowig

LIST OF REVIEWS BY HENRY LOWIG

The list of Lowig's reviews was put together on the basis of an exhaustive study of review journals and databases. Other information for analysis was obtained thanks to access to materials in a private family archive. All were carefully examined and specified.

From 1962 to 1994 Henry Lowig wrote 41 reviews[1] for the journal Mathematical Reviews; he generally published them under his surname. He focused particularly on assessing works dealing with lattices, algebras, special algebraic structures, and operations and their properties. From his reviews, it is evident that he assiduously kept up to date with the latest literature in his areas of specialty and reported critically and eruditely on published results, including regarding their presentation, proofs, etc. It is of interest that he did not omit to include the works of Czech and Slovak authors (see items 17, 22, 26, 29, 36, 37).

Published reviews

[1] C. J. Penning: Boolean metric spaces.
MR0122847, 23(1962), Part A, p. 31, no. A179.

[2] J. Schmidt: Die Charakteristik einer allgemeinen Algebra. I.
MR0150077, 27(1964), p. 18, no. 80.

[3] L. Monteiro, D. Picco: Les réticulés de Morgan et l'opération de Sheffer.
MR155773, 27(1964), p. 1085, no. 5707.

[4] F. Maeda: Modular centers of affine matroid lattices.
MR163861, 29(1965), p. 228, no. 1160.

[5] F. Maeda: Parallel mappings and comparability theorem in affine matroid lattices.
MR0163862, 29(1965), p. 228, no. 1161.

[6] R. Kerkhoff: Eine Konstruktion absolut freier Algebren.
MR0177927, 31(1966), p. 392, no. 2185.

[7] Kiyoshi Iséki: A characterization of Boolean algebra.
MR0197373, 33(1967), p. 936, no. 5538.

[8] B. R. Dawkins, I. Halperin: The isomorphism of certain continuous rings.
MR0201471, 34(1967), p. 236, no. 1355.

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[1] One of them was not published.

[9] P. Burmeister, J. Schmidt: On the completion of partial algebras.
MR0224526, 37(1969), p. 24, no. 125.

[10] N. M. Rice: Stone's representation theorem for Boolean algebra.
MR0231767, 38(1969), p. 17, no. 95.

[11] Sakiko Ôhashi: On definitions of Boolean rings and distributive lattices.
MR0240015, 39(1970), p. 259, no. 1369.

[12] Don E. Edmondson: Modularity in topological lattices.
MR0240787, 39(1970), p. 394, no. 2132.

[13] S. S. Holland, Jr.: An m-orthocomplete orthomodular lattice is m-complete.
MR0256949, 41(1971), p. 228, no. 1604.

[14] R. Balbes, G. Grätzer: Injective and projective Stone algebras.
MR0281663, 43(1972), p. 1339, no. 7378.

[15] R. Wille: Primitive subsets of lattices.
MR0311524, 47(1974), p. 17, no. 86.

[16] R. P. Morash: Orthomodularity and the direct sum of division subrings of
the quaternions.
MR0312225, 47(1974), p. 139, no. 787.

[17] E. Gedeonová: A characterization of p-modularity for congruence lattices
of algebras.
MR0313169, 47(1974), pp. 298–299, no. 1724.

[18] I. Rival: Projective images of modular (distributive, complemented) lattices
are modular (distributive, complemented).
MR0319836, 47(1974), p. 1461, no. 8377.

[19] H. S. Gaskill: On transferable semilattices.
MR0323653, 48(1974), p. 359, no. 2009.

[20] K. C. Ray, B. K. Lahiri: On restricted measurability in a lattice.
MR0333119, 48(1974), p. 1975, no. 11444.

[21] D. Schweigert: Über endliche, ordnungspolynomvollständige Verbände.
MR0340124, 49(1975), p. 900, no. 4880.

[22] V. Slavík: Some primitive classes of lattices closed under the formation of
projective images.
MR0340125, 49(1975), p. 900, no. 4881.

[23] Gh. Fărcaş: Sur les treillis obliques de type Jordan.
MR0342447, 49(1975), p. 1321, no. 7193.

[24] D. Suter: Relative Algebraisierbarkeit von Untervollverbänden eines Unteralgebrensystems.
MR0366778, 51(1976), p. 422, no. 3024.

[25] S. K. Kundu: A note on restricted measurability in a lattice.
MR0367150, 51(1976), p. 475, no. 3392.

[26] J. Ježek, V. Slavík: Some examples of primitive lattices.
MR0376463, 51(1976), p. 1778, no. 12638.

[27] H.-J. Bandelt: Zur konkreten Charakterisierung von Kongruenzverbänden.
MR0382092, 52(1976), pp. 423–424, no. 2980.

[28] L. M. Chawla: Generalized equivalence and congruence relations as algebras.
MR0384647, 52(1976), pp. 782–783, no. 5520.

[29] J. Havrda: Ortogonalita na množinách [Orthogonality on sets].
MR0419316, 54(1977), p. 1039, no. 7338.

[30] H.-J. Bandelt: Eine Darstellung vollständig distributiver algebraischer Verbände durch Kongruenzverbände.
MR0429681, 55(1978), p. 365, no. 2692.

[31] R. Wille: Über endliche, ordnungsaffinvollständige Verbände.
MR0485604, 58(1979), p. 808, no. 5429.

[32] V. Vilhelm: Über die Charakterisierung der Verbände durch ihre c-Teilverbände.
MR0506559, 80g, no. 06012.

[33] C. Flament: Un théorème de point fixe dans les treillis.
MR0508762, 80i, no. 06005.

[34] Ph. Dwinger: Classes of completely distributive complete lattices.
MR0554134, 81m, no. 06029.

[35] C. Calude, E. Calude: On some discrete metrics.
MR0724145, 85f, no. 54057.

[36] D. Jakubíková-Studenovská: Endomorphisms and connected components of partial monounary algebras.
MR0803041, 87g, no. 08009.

[37] V. Rödl: A note on finite Boolean algebras.
MR0910346, 88m, no. 06012.

[38] J. Dudek: Dedekind's numbers characterize distributive lattices.
MR1083819, 92b, no. 06022.

[39] A. Walendziak: Refinements for finite direct decompositions in modular lattices.
MR1157354, 95h, no. 06010.

[40] K.-H. Diener: An application of infinitary universal algebra to set theory.
MR1290162, 95h, no. 03111.

Unpublished reviews

[1] G. Grätzer, C. R. Platt, B. Sands: Embedding lattices into lattices of ideals.[2]

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[2] The text is held in private family archive, Lowig-Jackson family, Sydney.