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P R O B L È M E S

P 410, R 1. The answer is negative [1].

X.1, p. 87.

[1] Harald Scheid, *Über ordnungstheoretische Funktionen*, Journal für die reine und angewandte Mathematik 238 (1969), p. 1-13.

P 482, R 1. The problem has been solved [2].

XIII.1, p. 3.

[2] Ralph McKenzie, $\aleph_1$-*incompactness of Z*, this fascicle, p. 199-202.

P 688, R 1. R. Engelking has informed us that the problem has been solved in affirmative by T. Przymusiński. The solution is in preparation to this journal.

XXI.2, p. 245. Letter of September 15, 1970.

P 689, R 1. According to the authors of the problem, a positive soluzion of P 688 (see above) implies that of P 689. An independent solution of P 689 obtained also by T. Przymusiński will appear in the next volume of this journal.

XXI.2, p. 245.

G. C. WRAITH (BRIGHTON)

P 738. Formulé dans la communication *Algebras over theories*.

Ce fascicule, p. 187.

RALPH McKENZIE (BERKELEY, CALIFORNIA)

P 739 et **740.** Formulés dans la communication $\aleph_1$-*incompactness of Z*.

Ce fascicule, p. 199.

B. V. RAO (CALCUTTA)

P 741. Formulé dans la communication *Lattice of Borel structures.*

Ce fascicule, p. 215.

GEORGE W. HENDERSON (MILWAUKEE, WISCONSIN)

P 742 et **743.** Formulés dans la communication *Continua which cannot be mapped onto any nonplaner circle-like continuum.*

Ce fascicule, p. 242.

J. H. V. HUNT (SASKATOON, CANADA)

P 744. Formulé dans la communication *A counter-example on unicoherent Peano spaces.*

Ce fascicule, p. 260.

E. PORADA (WROCŁAW)

P 745. Formulé dans la communication *On the spectral radius in* $L_1(G)$.

Ce fascicule, p. 284.

Z. ANUSIAK (WROCŁAW)

P 746-748. Formulés dans la communication *On generalized Beurling's theorem and symmetry of L_1-group algebras.*

Ce fascicule, p. 292 et 296.

R. DUDA (WROCŁAW)

P 749. Given a set A and a family $\{\mathcal{O}_s\}_{s\in S}$ of topologies on A, define their meet as the topology equal to $\bigcap_{s\in S} \mathcal{O}_s$ and their join as the smallest topology containing $\bigcup_{s\in S} \mathcal{O}_s$. With these operations the set of all topologies on A is a lattice. Can any lattice be realized as a sublattice of the lattice of all topologies (or even of all T_1-topologies) on a certain set?

New Scottish Book, Probl. 845, 15. 7. 1970.