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P R O B L È M E S

P 827, R 1. The answer is affirmative([1]).

XXVII.1, p. 142.

([1]) J. Kucharczak, *Decomposability of point measures in generalized convolution algebras*, this fascicle, pp. 163–167.

P 1031, R 1. The answer is positive([2]).

XXXIX.1, p. 112.

([2]) M. Valdivia, *Classes of barrelled spaces related with the closed graph theorem*, Portugal. Math. 40, No. 3 (1981), pp. 345–365; especially p. 365, Remark 2.

P 1163, R 2. The answer is negative([3]).

XLII, p. 400.

([3]) M. Kratko, *On characteristic sets of a system of equivalence relations*, this fascicle, pp. 5–9.

P 1261, R 1. A partial solution is given([4]).

XLVI.2, p. 254.

([4]) J. Wróblewski, *Canonical differential structures of regular covectors*, this fascicle, pp. 45–54.

P 1278, R 2. Mr. I. È. Zverovič has kindly supplied to us his solution which reads as follows([5]):

Let $D_1 = \{n_1, n_2, \ldots, n_t\}$, $n_1 < n_2 < \ldots < n_t$, and $D_2 = \{k\}$, where $n_1, \ldots, n_t$, $k \in Z^+$. Let $\mu(D_1, D_2)$ denote the minimum order of any graph such that $G = G_1 \oplus G_2$, where the degree set of G_i is D_i $(i = 1, 2)$ (for definitions see Gould and Lick([6])). A pair (D_1, D_2) will be called *singular* if

1. $0 < k < n_t - n_s$, where $s = [(t+1)/2]$;
2. k and n_s are odd;
3. n_t is even, $n_1 = 1$.

Then the following holds:

1. Conjecture P 1278 is in general false.
2. If (D_1, D_2) is not singular, then P 1278 is true.
3. If (D_1, D_2) is singular, then $\mu(D_1, D_2) \in \{n_t+k+1, n_t+k+3\}$.

The minimal counter-example is $D_1 = \{1, 6\}$, $D_2 = \{3\}$. According to P 1278, $\mu(D_1, D_2) = 10$ should hold, but $\mu(D_1, D_2) = 12$.

XLVIII.2, p. 277; LIV.2, p. 339. Letter of January 28, 1986.

(5) For proofs see I. È. Zverovič, in print.

(6) R. J. Gould and D. R. Lick, *Degree sets and graph factorizations*, this journal 48 (1984), pp. 269–277.

J. W. HINRICHSEN (AUBURN, ALABAMA)

P 1339–P 1341. Formulés dans la communication *On filling an irreducible continuum with the Cartesian product of* 1*-dimensional continua.*

Ce fascicule, p. 26.

P 1342. Formulé dans la communication *On filling an irreducible continuum with the Cartesian product of an arc with a simple triod.*

Ce fascicule, p. 34.

RICHARD G. GIBSON (AUBURN, ALABAMA) AND FRED ROUSH (MONTGOMERY, ALABAMA)

P 1343. Formulé dans la communication *Connectivity functions defined on* I^n.

Ce fascicule, p. 43.

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P 1344. Formulé dans la communication *Canonical differential structures of regular covectors.*

Ce fascicule, p. 51.

J. JANAS (KRAKÓW)

P 1345. Formulé dans la communication *Remarks on similarity and quasisimilarity of operators.*

Ce fascicule, p. 128.