

**I. S. Iokhvidov. On
signatures of Toeplitz
forms
1258**

1966

SovietRxiv

View the original and related papers at <https://sovietrxiv.org/items/ru-196601.36067>

Source: Math-Net.Ru and CyberLeninka. Machine translation. Verify with the original.

Abstract

Full Text

- I. S. Iokhvidov. On signatures of Toeplitz forms 1258
 Ludmila Keldysh. Topological imbeddings and pseudoisotopy 1262
 V. P. Kompaniets, A. V. Chernavskii. Equivalence of two classes of sphere mappings 1266
 M. G. Krein, Sh. N. Saakian. Some new relationships in the theory of the resolvents of Hermite operators 1269
 V. G. Kukharev. The critical determinant of the region $|x|^p + |y|^p \leq 1$ 1273
 K. A. Rodosskii. Discrete periodic processes 1276
 P. M. Tamrazov. Some problems of conformal mapping which generate quadratic differentials with five distinct poles 1279
 Iu. N. Khaimulin. Certain properties of $\{k; n\}_q$ -arcs in Galois planes . . 1281
 V. I. Shevchenko. Hilbert' s problem for a holomorphic vector 1285

CYBERNETICS AND THE REGULATION THEORY

- I. I. Piatetskii-Shapiro, V. A. Volkonskii, L. V. Levina, A. Pomanskii. An iteration method of solving integer programming problems 1289
 E. V. Fudim. Pneumatic computation technique of a discontinuous action . . 1293

FLUID MECHANICS

- N. I. Buleev, V. S. Petrishchev. A numerical method of solving hydrodynamics equations in the case of a two-dimensional flow 1296

MATHEMATICAL PHYSICS

- V. B. Gostev, A. R. Frenkin. One-nucleon states in a model with a fixed source 1300

PHYSICS

- T. M. Zimkina, V. A. Fomichev. Absorption spectrum of sulphur hexafluoride in the region of ultra-soft X-ray emission 1304
 A. P. Komar, V. P. Denisov, L. A. Kulchitskii. Investigation of the photosplitting of O^{16} nucleus 1307
 O. B. Firsov. Glancing angle reflection of fast ions by a dense medium . . . 1311
 I. G. Fikhtenholz. Gravitation equations and coordinate conditions in conformal space 1314

TECHNICAL PHYSICS

A. R. Kutsar, E. G. Poniatovskii. Compressibility of chromium and its P–T-diagram 1318

CRYSTALLOGRAPHY

V. I. Burdina. The main computation formulae of the crystal structure analysis as expressed through the parameters of the symmetry groups . . . 1320

A. Iu. Malevskii. On isomorphic thallium presence in galenite 1324

CORRECTIONS

In my note (V. M. Millionshchikov, “Recurrent and almost periodic limiting trajectories of nonautonomous systems of differential equations”), published in *DAN*, vol. 161, no. 1, 1965, Definition 3 on p. 44 should read as follows:

A solution $x(t)$ ($t \geq t_0$) will be called **perfectly stable in the sense of Lyapunov** if, for every neighborhood of zero $U \subset L$ and every T , there exist a neighborhood of zero $V \subset L$ and a number \bar{t} such that, if $x(t') - x(t'') \in V$ and $t' \geq \bar{t}$, $t'' \geq \bar{t}$, then $x(t' + t) - x(t'' + t) \in U$ for all $t \geq T$.

In my note (V. M. Millionshchikov, “Asymptotics of solutions of linear systems with small perturbations”), published in *DAN*, vol. 162, no. 2, 1965:

- 1) on p. 266, line 10 from the bottom, where C_1 is printed, one should read $C_1 = \text{const} \cdot v_1(t)$;
- 2) on p. 267, line 11 from the bottom, where

$$\int_{-\infty}^{\infty} \tau^{m-1} g(\tau) d\tau$$

is printed, one should read

$$\int_{-\infty}^{\infty} \tau^{m-1} g(\tau) d\tau < \infty.$$

V. M. Millionshchikov

T-07667 Signed for printing 21/VII 66. Print run 1365 copies. Order 899

Paper format $70 \times 108^{1/16}$. Printed sheets 21.35 + 2 inserts Paper sheets 75/8 Publisher' s sheets 21.0

2nd printing house of the publishing house “Nauka.” Moscow, Shubinskii Lane, 10

Note: Figure translations are in progress. See original paper for figures.

Source: Math-Net.Ru and CyberLeninka. Machine translation. Verify with the original.