

SESSIONS OF THE SEMINAR “ALGEBRA i LOGIKA”

Extended Sessions of the Seminar within the Framework of the Conference “Mal’tsev Readings”

Dedicated to the 80th Anniversary of Yu. L. Ershov

(November 16-19, 2020)

2143d session. November 19, 2020

Nonclassical Logics

L. L. Maksimova and V. F. Yun, Recognizability of the logic OdF in the class of pre-Heyting logics.

A. D. Yashin (Izhevsk), Irreflexive operator on a chain of type $\omega + n$ and Novikov completeness.

M. V. Valinkin (Moscow), Lambek calculus with a subexponential allowing local contraction.

S. P. Odintsov, Twist-structure semantics for connexive logic.

2144th session. November 19, 2020

Computability Theory

R. A. Kornev, Semilattice of degrees of computable metrics.

Ya. A. Mikhailovskaya (Kazan), Computable linear orders enriched with relations S_l^n , computable categoricity and spectra of the relations.

S. A. Badaev (Alma-Ata, Kazakhstan), N. A. Bazhenov, and B. S. Kalmurzaev (Alma-Ata, Kazakhstan), Definability in the structure of positive preorders.

N. Kh. Kasymov (Tashkent, Uzbekistan), A. S. Morozov, I. A. Khodzhamuratova (Tashkent, Uzbekistan), T_1 -separable numberings of subdirectly indecomposable algebras.

R. N. Dadazhanov (Tashkent, Uzbekistan), S. K. Zhavliev (Tashkent, Uzbekistan), and N. Kh. Kasymov (Tashkent, Uzbekistan), Degrees of negative representability of linear orders with endomorphisms.

I. V. Latkin (Ust-Kamenogorsk, Kazakhstan), Tape and full resources of Turing machines.

M. N. Leont’eva, Boolean algebras autostable relative to n -constuctivizations.