СЕКЦИЯ
„АЛГЕБРА И ЛОГИКА"

Драги колеги,

На 14 май 2021 г. (петък) от 13:00 часа ще се проведе дистанционно заседание на семинара по „Алгебра и логика". Доклад на тема

Non-finitely based and limit varieties of algebraic systems

ще изнесе Веселин Дренски.

Семинарът ще се проведе посредством платформата **Zoom** и всеки желаещ може да се присъедини като последва линка, зададен на страницата на семинара.

<div align="right">

От секция „Алгебра и логика" на ИМИ – БАН

http://www.math.bas.bg/algebra/seminarAiL/

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Abstract

A variety of algebraic systems is non-finitely (or infinitely) based if it does not have a finite basis of identities. It is just-non-finitely based (or limit) if it is non-finitely based but all its proper subvarieties are finitely based. By the Zorn lemma every variety without a finite basis of identities contains a just-non-finitely based subvariety.

We survey results on non-finitely based varieties of groups, semigroups and on associative, Lie and nonassociative rings and algebras.

We also present examples of just-non-finitely based varieties of nonassociative algebras and varieties of pairs over fields of characteristic 0.