

Bibliography of Soviet Works on Interval Computations

Part I

To date Soviet authors have published or prepared for publication at least 500 papers devoted to various areas of Interval Computations. Unfortunately, due to the language barrier and problems with access these works are practically unknown outside the Soviet Union. This publication is a step to remedy this situation. The bibliography includes references to the works of the authors who were the citizens of the Soviet Union the works were written.

The list, prepared in the Computer Center of the Siberian Branch of the USSR Academy of Sciences (Krasnoyarsk) under the management of Dr. Boris S. Dobronets, was taken as the basis for the bibliography. Later, the list was corrected, appended and translated into English by Lyudmila V. Kupriyanova (Saratov State University), and edited by Alexander G. Yakovlev (Moscow, Institute for New Technologies) and R. Baker Kearfott (University of Southwestern Louisiana). As a basis for the bibliographic standard, the standard in the following publications was taken:

Garloff, J. *Interval mathematics. A bibliography.* Freib. Int.-Ber. 6 (1985), p. 1-222;

Garloff, J. *Bibliography on interval mathematics. Continuation.* Freib. Int.-Ber. 2 (1987), p. 1-50.

Editorial board can organize a qualitative translation of the texts into English for a reasonable fee (see addresses for communication at the end of the issue; contacts via e-mail are preferable).

Besides, we can supply foreign readers with copies of these materials in Russian.

In subsequent issues of "Interval Computations" the continuation of the bibliography, corrections and new references will be published. We also plan to publish the source Russian version.

Библиография советских работ по интервальным вычислениям

К настоящему времени советскими авторами опубликовано или подготовлено к публикации не менее 500 работ, посвященных различным вопросам интервальных вычислений. К сожалению, из-за языкового барьера и труднодоступности эти работы почти неизвестны зарубежным специалистам. На выход из этой явно ненормальной ситуации направлена публикация настоящей библиографии. Она включает в себя работы лиц, бывших на момент написания данных работ гражданами СССР. Основу библиографии составил список, подготовленный группой сотрудников ВЦ СО АН СССР (г. Красноярск) во главе с Б.С.Добронцом, дополнение списка и перевод ссылок на английский язык осуществила Л.В.Куприянова (Саратовский госуниверситет), в редактировании приняли участие сотрудник Института новых технологий (г. Москва) А.Г.Яковлев и д-р Р.Бейкер Кирфотт (Университет Юго-Западной Луизианы, США). При оформлении ссылок за основу был взят библиографический стандарт публикаций

Garloff J. *Interval mathematics. A bibliography* // Freib. Int.-Ber. – 1985. – N 6. – P. 1-222;

Garloff J. *Bibliography on interval mathematics. Continuation* // Freib. Int.-Ber. – 1987. – N 2. – P. 1-50.

У редколлегии "Интервальных вычислений" отсутствует возможность рассылать адресатам в бывшем СССР копии представленных в библиографии работ, но она готова посредничать в установлении контактов между заинтересованными зарубежными специалистами и советскими авторами. Кроме того, по заказу зарубежных специалистов в качестве платной услуги мы можем организовать квалифицированный перевод текстов (в том числе

с участием авторов) на английский язык. В этой связи редколле-
гия обращается с просьбой ко всем авторам сообщить нам свои
рабочие и домашние адреса и телефоны. Поскольку в последую-
щих номерах "Интервальных вычислений" будет публиковаться
продолжение библиографии, новые ссылки, исправления, а также
исходный вариант библиографии на русском языке, мы просим
всех авторов информировать нас о замеченных неточностях, об
отсутствующих ссылках на старые работы и о появлении новых
(в том числе находящихся в печати). Всю информацию следует
направлять Л.В.Куприяновой (если возможно – на дискетах) по
адресу: 410090, Саратов, ул. Тархова, д. 14-б, кв. 5. Ссылки
на языке оригинала необходимо оформлять по ГОСТ, их перевод
– в соответствии со стандартом настоящей публикации. Одно-
временно редколлегия сообщает о том, что принятое в данной
библиографии написание фамилий авторов и перевод самих ссы-
лок отныне являются нормативными для последующих выпусков
"Интервальных вычислений" (если, конечно, не будет опубли-
ковано исправление), и убедительно просит авторов придержи-
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мых в "Интервальные вычисления" для публикации.

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