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## *Acknowledgments*

This book has a Russian language prototype [Rya00] that withstood two editions: in 1994 and in 2000. It serves as the main numerical analysis text at Moscow Institute for Physics and Technology. The authors are most grateful to the rector of the Institute at the time, Academician O. M. Belotserkovskii, who has influenced the original concept of this textbook.

Compared to [Rya00], the current book is completely rewritten. It accommodates the differences that exist between the Russian language culture and the English language culture of mathematics education. Moreover, the current textbook includes a very considerable amount of additional material.

When writing Part III of the book, we exploited the ideas and methods previously developed in [GR64] and [GR87].

When writing Chapter 14, we used the approach of [Rya02, Introduction].

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V. Ryaben'kii, Moscow, Russia  
S. Tsynkov, Raleigh, USA

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