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Dr. Roman has authored 32 books, including a number of books on mathematics, such as Introduction to the Finance of Mathematics, Coding and Information Theory, and Field Theory, published by Springer-Verlag.

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In writing a book, one has to face a delicate challenge: either follow a tradition or prepare for a more rigorous use. Our experience with texts that were written about a lifetime ago showed us that the need for rigor and precision has increased and is likely to increase more.