

About Book



The book takes readers on a journey to discover tensors – powerful mathematical concepts used in many areas of modern science. Starting from familiar grounds of numbers and operations with numbers, a reader will re-examine familiar concepts in a new light and then arrive at new concepts gradually, connecting the dots along the way. The goal of this book is to explain tensors by showing them in action and in relation to less complicated concepts, such as numbers and vectors. The book is accessible to anyone with solid foundations in high-school algebra and sufficient focus and curiosity. The solutions to all exercises are provided in the end.

About Author



Dr Yury Deshko is an American physicist, educator, and writer. He is the author of "Special Relativity For Inquiring Minds" a textbook designed for undergraduate students and motivated high-schoolers.

When not working on applied physics problems in silicon photonics, Yury develops and teaches modern physics courses (Special Relativity and Quantum Physics) in summer schools for young aspiring physicists.

