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Nota di contenuto	Foreword / Ben Mottelson - Introduction: Our world and its infinite variety - 1. The size of things: From the immensity of space to the invisible world of the nucleus - 2. The discovery of nuclei: How a new world was revealed by radioactivity - 3. Particles or waves?: Strange laws at the heart of matter - 4. Measuring nuclei: Determining the shape and size of minute objects - 5. Strange nuclear material: The contents of a nucleus - 6. The nuclear landscape: The variety and abundance of nuclei - 7. Applications of nuclear physics: Interactions with everyday life - 8. Nuclear architecture: From hydrogen to neutron stars - 9. Cosmic furnaces: The stars and the birth of elements - 10. Our violent origin: Cosmology and the nuclear processes in the Big Bang.