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	human rights of people with tuberculosis -- A proposal for indicators of the human right to science -- Epilogue : tensions in the right to science then and now.
Sommario/riassunto	That everyone has a human right to enjoy the benefits of the progress of science and its applications comes as a surprise to many. Nevertheless, this right is pertinent to numerous issues at the intersection of science and society: open access; 'dual use' science; access to ownership and dissemination of data, knowledge, methods and the affordances and applications thereof; as well as the role of international co-operation, human dignity and other human rights in relation to science and its products. As we advance towards superintelligence, quantum computing, drone swarms, and life-extension technology, serious policy decisions will be made at the national and international levels. The human right to science provides an ideal tool to do so, backed up as it is by international law, political heft, and normative weight. This book is the first sustained attempt at turning this wonder of foresight into an actionable and justiciable right. This title is also available as Open Access on Cambridge Core.

2.

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Sommario/riassunto

The book is designed to cover all major aspects of applied numerical methods, including numerical computations, solution of algebraic and transcendental equations, finite differences and interpolation, curve fitting, correlation and regression, numerical differentiation and integration, matrices and linear system of equations, numerical solution of ordinary differential equations, and numerical solution of partial differentialequations. It uses a numerical problem-solving orientation with numerous examples, figures, and end of chapter exercises. Presentations are limited to very basic topics to serve as an introduction to more advanced topics. FEATURES:Emphasizes applications, analytical developments, algorithms, and computational solutions over puretheoryFeatures over 300 problems with step-by-step solutionsIncludes a review of basic engineering mathematics and partial fraction expansionsProvides an understanding, both physical and mathematical, of the basic theory ofnumerical analysis, methods, and their applications