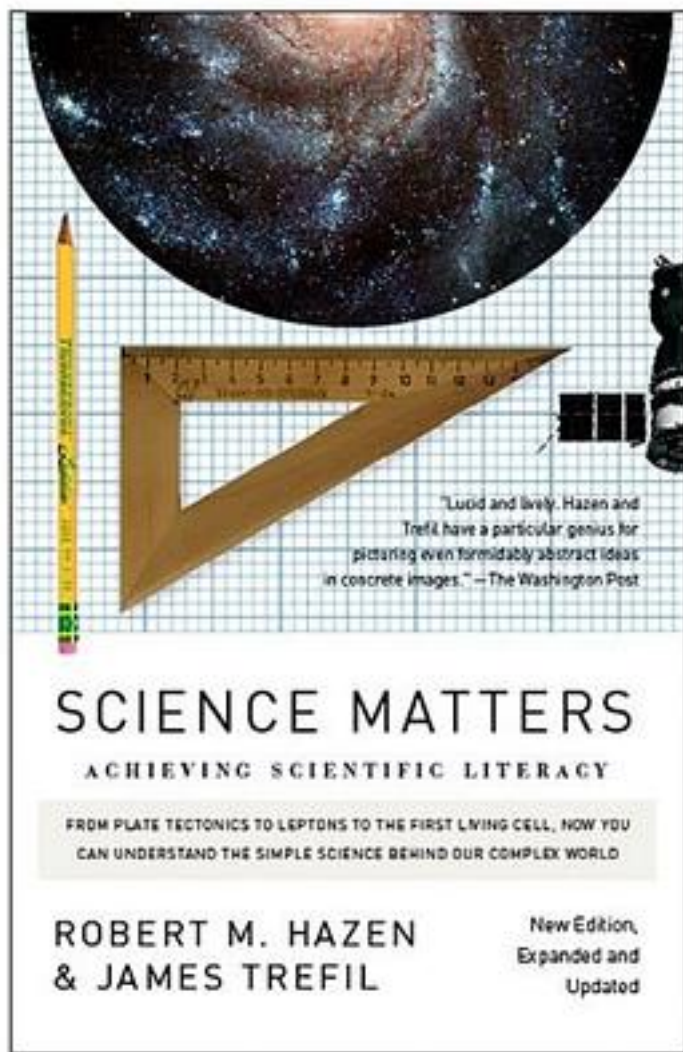


# Science Matters



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All earnest and honest human quests for knowledge are efforts to understand Nature, which includes both human and nonhuman systems, the objects of study in science. Thus, broadly speaking, all these quests are in the science domain. The methods and tools used may be different; for example, the literary people use mainly their bodily sensors and their brain as the information processor, while natural scientists may use, in addition, measuring instruments and computers. Yet, all these activities could be viewed in a unified perspective -- they are scientific developments at varying stages of maturity and have a lot to learn from each other.

That "everything in Nature is part of science" was well recognized by Aristotle, da Vinci and many others. Yet, it is only recently, with the advent of modern science and experiences gathered in the study of statistical physics, complex systems and other disciplines, that we know how the human-related disciplines can be studied scientifically.

Science Matters is about all human-dependent knowledge, wherein humans (the material system of Homo sapiens) are studied scientifically from the perspective of complex systems. It includes all the topics covered in the humanities and social sciences. Containing contributions from knowledgeable humanists, social scientists and physicists, the book is intended for those -- from artists to scientists -- who are curious about the world and are interested in understanding it with a unified perspective.

Contents: Science Matters: A Unified Perspective (L Lam); Art and Culture; Culture THROUGH Science: A New World of Images and Stories (P Caro); Physiognomy in Science and Art: Properties of a Natural Body Inferred from Its Appearance (B Hoppe); Has Neuroscience Any Theological Consequence? (A Dinis); SciComm, PopSci and The Real World (L Lam); Philosophy and History of Science; The Tripod of Science: Communication, Philosophy and Education (N Sanitt); History and Philosophy of Science: Towards a New Epistemology (M Burguete); Philosophy of Science and Chinese Sciences: The Multicultural View of Science and a Unified Ontological Perspective (B Liu); Evolution of the Concept of Science Communication in China (D-G Li); History of Science in Globalizing Time (D Liu); Raising Scientific Level; Why Markets are Moral (M Shermer); Towards the Understanding of Human Dynamics (T Zhou et al.); Human History: A Science Matter (L Lam).

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