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Andrew Zangwill is a Professor of Physics at the Georgia Institute of Technology and a Fellow of the American Physical Society. He is the author of the popular monograph *Physics at Surfaces* (Cambridge University Press, 1988).

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ANDREW ZANGWILL Georgia Institute of Technology



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There are more things in heaven & earth connected with electromagnetism than are yet dream't of in philosophy.

Joseph Henry, letter to Lewis C. Beck (1827)

Reprinted from *The Papers of Joseph Henry*, Volume I, edited by Nathan Reingold (Washington, DC: Smithsonian Institution Press). Used by permission of the Smithsonian Institution. Copyright 1972.

The search for reason ends at the shore of the known; on the immense expanse beyond it only the ineffable can glide.

Abraham Joshua Heschel, Man is Not Alone (1951)

Why repeat all this? Because there are new generations born every day. Because there are great ideas developed in the history of man, and these ideas do not last unless they are passed purposely and clearly from generation to generation.

Richard Feynman, The Meaning of It All (1963)

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