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numerical methods for scientific and engineering computation

Prof. Jain is also a co-author of Numerical Methods for Scientific and Engineering Computation (New Age International Publishers). Satteluri R K Iyengar (MA, MTech, PhD) was a Professor of Mathematics at the Indian Institute of Technology, Delhi. He had also served as the Head of the Department of Mathematics, IIT, Delhi.

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Jain, M. K./Iyengar, S. R. K./Jain, R. K., Numerical Methods for Scientific and Engineering Computation. New Delhi etc., Wiley Eastern Ltd., 1985.

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There are many uses for numerical methods in engineering. However, these applications are not always conveyed to students. Perhaps the easiest to grasp at all levels is that real world data often comes in the form of discrete data points. These are a result of a measurement you took by hand, a sensor reading, etc., but this raw data doesn't typically contain all the information you wanted from the physical system.

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