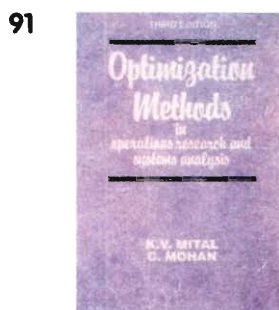


SERIES ARTICLES



6 Approach to Absolute Zero
0.3 K to a Few Milli-Kelvin R Srinivasan

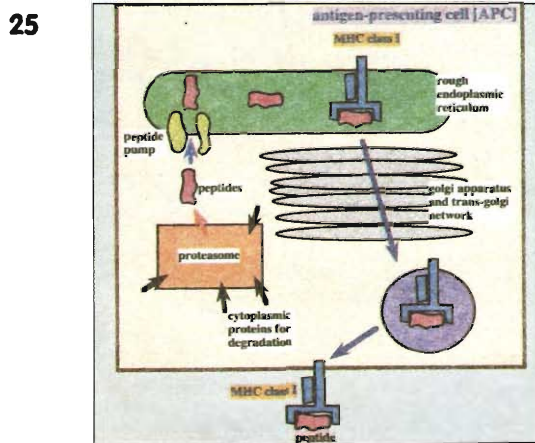
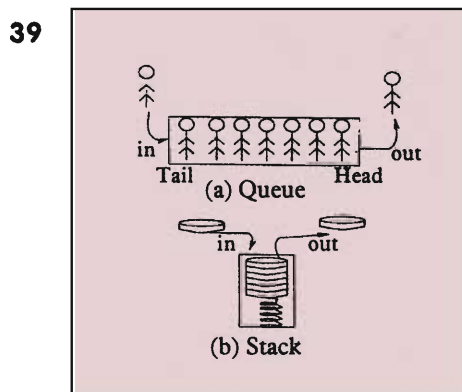
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- **Optimization Methods in Operations Research and Systems Analysis** V G Tikekar
- **In the Beginning — The Birth of a Living Universe**
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Front Cover

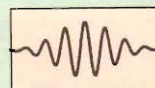
The cover photograph shows a familiar toy, which apparently executes perpetual motion. The principles of thermodynamics determining the action of the 'Thirsty Bird' are discussed in the classroom section.



Back Cover

Carl Friedrich Gauss (1777-1855)
(illustration by Prema Iyer)

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To Find Four Distinct Positive Integers such that the Sum of Any Two of them is a Square

S H Aravind



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