

herently and systematically.

Roe has written a reasonable textbook for an introductory graduate course in particle physics. The discussion of the data at the Z^0 resonance from the LEP collider at CERN is excellent both in its detail and in its conveying of the difficulty in extracting physically meaningful results from a complex experiment.

The exercises at the end of each chapter are sensible, if somewhat elementary; to challenge the best students, I recommend assigning a relatively large fraction of the exercises. Further, if this book is chosen for a course in particle physics, I recommend that the textbooks by Kane and/or Bowler be used as supplemental texts.

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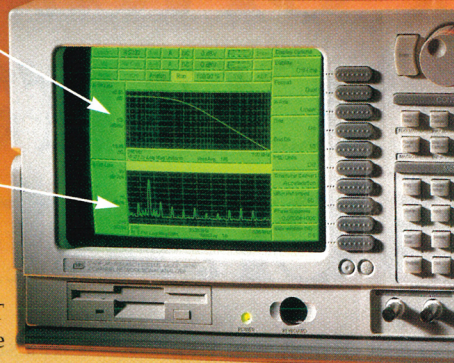
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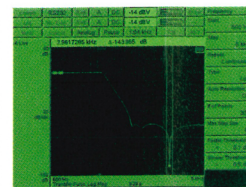
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