

tomy definitions are somewhat unnatural.)

The last hundred pages of the book deal with N -particle systems, $N \geq 3$. This is the area of most intense research in scattering theory at the present time. Each chapter has about a dozen problems attached, as well as notes with further details and references. The bibliography is adequate, though not of great depth. The book is set in cold type, with limited typography, but it is well edited and proofread. I found remarkably few typographical errors.

If I have to make any critical remarks, they are concerned only with the choice of subject matter. The authors use almost exclusively methods of functional analysis, and they pay little attention to analyticity properties, which have had important physical applications. Their focus is perhaps a little too much dictated by mathematical coherence rather than physics. It is only fair to add, however, that as a result of their choice the book duplicates less of what is in other volumes than would otherwise be the case.

The audience to whom this book is addressed consists of graduate students in physics or mathematics, and research workers who want to learn some of the rigorous mathematical methods used in scattering theory. I would not recommend it as the primary text for a physics course, but it would serve admirably as a mathematical supplement. I would also recommend it as an excellent introduction for mathematicians who want to see an important application of functional analysis.

ROGER G. NEWTON
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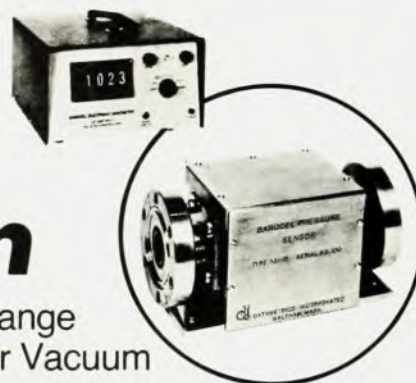
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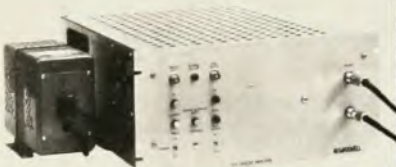
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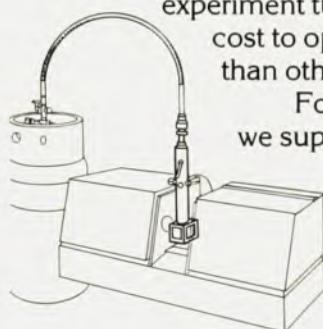
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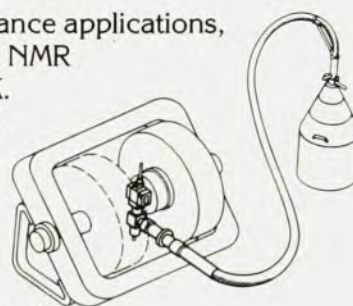
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