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George Brown Arfken (born November 20, 1922) is an American theoretical physicist and the author of several mathematical physics texts. He was a physics professor at Miami University from 1952 to 1983 and the chair of the Miami University physics department 1956–1972. He is currently an emeritus professor at Miami University. Arfken is also an authority on Canadian philately.

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The authors' exposition avoids excess rigor whilst explaining subtle but important points often glossed over in more elementary texts. The topics are illustrated at every stage by carefully chosen examples, exercises and problems drawn from realistic physics settings. These make it useful both as a textbook in advanced courses and for self-study. Password-protected solutions to the exercises are available to instructors at www.cambridge.org/9780521854030.

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