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Ghorpade, Sudhir R. **A course in multivariable calculus and analysis**, by Sudhir R. Ghorpade and Balmohan V. Limaye. Springer, 2010. 475p bibl index afp; ISBN 9781441916204, \$69.95. Reviewed in 2010jul CHOICE.

This book was written as a textbook for a second course in calculus, and not particularly as a reference source. It complements *A Course in Calculus and Real Analysis* (CH, Feb'07, 44-3330) by the same authors. Both works are the result of notes that Ghorpade and Limaye developed over many years for introductory mathematics courses that they taught at the Indian Institute of Technology Bombay. Though the content supports courses at an Indian institution, the style is fully appropriate for American students. The authors differentiate this book from many similar works in terms of the continuity of approach between one-variable calculus and multivariable calculus, as well as the addition of several unique topics. The book is self-contained, and a reader needs only a first course in calculus as background. Each chapter concludes with a "Notes and Comments" section that ties the concepts introduced in the current work to those in the first book. If a library has the authors' earlier work in its collection, this would be an appropriate addition. **Summing Up:** Recommended. Lower- and upper-division undergraduates. -- *D. Z. Spicer, University System of Maryland*