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NLA Lecture 7 Exercise 1 **Math 2B. Calculus.  
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## **Trefethen Books - People**

Numerical linear algebra / Lloyd N. Trefethen, David Bau III. p. cm. Includes bibliographical references and index. ISBN 0-89871-361-7 (pbk.) 1. Algebras, Linear. 2. Numerical calculations. I. Bau, David. II. Title. QA184.T74 1997 512'.5--dc21 96-52458  
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Numerical linear algebra, sometimes called applied linear algebra, is the study of how matrix operations can be used to create computer algorithms which efficiently and accurately provide approximate answers to questions in continuous mathematics. It is a subfield of numerical analysis, and a type of linear algebra. Computers use floating-point arithmetic and cannot exactly represent irrational data, so when a computer algorithm is applied to a matrix of data, it can sometimes increase the diffe

## **Numerical linear algebra - Wikipedia**

Trefethen is currently an ISI highly cited researcher. Trefethen has written a number of books on numerical analysis including Numerical Linear Algebra with David Bau, Spectral Methods in MATLAB,

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Schwarz–Christoffel Mapping with Tobin Driscoll, and Spectra and Pseudospectra: The Behavior of Nonnormal Matrices and Operators with Mark Embree.

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