

# Free Linear Algebra Materials Online

## Wikipedia

List of Linear Algebra References

[http://en.wikipedia.org/wiki/List\\_of\\_linear\\_algebra\\_references](http://en.wikipedia.org/wiki/List_of_linear_algebra_references)

There is also a wiki book that, however, appears to be rather incomplete.

## Free Online Linear Algebra Books

1. Keith Matthews, University of Queensland, Brisbane, Australia  
*Elementary Linear Algebra* <http://www.numbertheory.org/book/>
2. Jim Hefferon, St. Michael's College, Colchester, VT  
*Linear Algebra*  
<http://joshua.smcvt.edu/linalg.html/index.html>  
Laudatory review:  
<http://www.randomhacks.net/articles/2007/03/07/hefferon-linear-algebra-review>
3. Robert A. Beezer, University of Puget Sound, Tacoma, WA  
*A First Course in Linear Algebra*  
<http://linear.ups.edu/>

## Video Lectures

Gilbert Strang, MIT, Cambridge, MA  
from MIT Open Courseware

<http://ocw.mit.edu/OcwWeb/Mathematics/18-06Spring-2005/VideoLectures/index.htm>

## Advanced

This goes beyond the scope of second undergraduate year linear algebra.

Edwin H. Connell, University of Miami, Coral Gables, FL

*Elements of Abstract and Linear Algebra*

<http://www.math.miami.edu/~ec/book/>

## General List of Online Mathematics Textbooks

<http://www.math.gatech.edu/~cain/textbooks/onlinebooks.html>