


[DOWNLOAD](#)


## Differential Equations and Linear Algebra (Hardback)

By Gilbert Strang

Wellesley-Cambridge Press, U.S., United States, 2015. Hardback. Condition: New. UK ed. Language: English. Brand new Book. Differential equations and linear algebra are two central topics in the undergraduate mathematics curriculum. This innovative textbook allows the two subjects to be developed either separately or together, illuminating the connections between two fundamental topics, and giving increased flexibility to instructors. It can be used either as a semester-long course in differential equations, or as a one-year course in differential equations, linear algebra, and applications. Beginning with the basics of differential equations, it covers first and second order equations, graphical and numerical methods, and matrix equations. The book goes on to present the fundamentals of vector spaces, followed by eigenvalues and eigenvectors, positive definiteness, integral transform methods and applications to PDEs. The exposition illuminates the natural correspondence between solution methods for systems of equations in discrete and continuous settings. The topics draw on the physical sciences, engineering and economics, reflecting the author's distinguished career as an applied mathematician and expositor.


[READ ONLINE](#)

[ 8.42 MB ]

### Reviews

*Thorough manual for ebook fans. it had been writtern quite properly and valuable. It is extremely difficult to leave it before concluding, once you begin to read the book.*

-- **Dr. Catherine Wehner**

*Absolutely among the best book I have possibly go through. I have go through and that i am certain that i am going to gonna read through once again again in the future. I am just delighted to tell you that this is basically the finest book i have got go through within my personal existence and could be he finest book for ever.*

-- **Brian Bauch**

## You May Also Like



### **Minecraft: Exploded Builds: Medieval Fortress: An Official Minecraft Book from Mojang (Hardback)**

Egmont UK Ltd, United Kingdom, 2016. Hardback. Condition: New. UK ed. Language: English. Brand new Book. Check out the brand new series of official Minecraft Guides. The first four titles in the series, Guide to Exploration, Guide to Creative, Guide to Redstone...



### **Minecraft Blockopedia: An Official Minecraft Book from Mojang (Hardback)**

Egmont UK Ltd, United Kingdom, 2016. Hardback. Condition: New. UK ed. Language: English. Brand new Book. Minecraft is a multi-platform block-based gaming sensation available on Xbox, PlayStation, PC and mobile devices. Whether you're in Creative, Survival or Hardcore Mode, the Minecraft books...



### **The Princess and the Pea - Read it yourself with Ladybird: Level 1 (Paperback)**

Penguin Books Ltd, United Kingdom, 2013. Paperback. Condition: New. UK ed. Language: English. Brand new Book. Based on the classic fairy tale. A prince wants to marry a real princess, so the queen devises a true test based on one pea and...



### **Features of the Optical Materials Modified with the Effective Nanoobjects: Bulk Properties & Interface (Paperback)**

Nova Science Publishers Inc, United States, 2014. Paperback. Condition: New. UK ed. Language: English. Brand new Book. New effective nano-objects such as the fullerenes, carbon nanotubes, shungites, graphenes and quantum dots have been widely used now in the research of many scientific...



### **Ladybird Tales: The Little Red Hen (Hardback)**

Penguin Books Ltd, United Kingdom, 2013. Hardback. Condition: New. UK ed. Language: English. Brand new Book. This beautiful hardback Ladybird edition of The Little Red Hen is a perfect first illustrated introduction to this classic fairy tale for young readers from 3+....



### **Ladybird Tales: Pinocchio (Hardback)**

Penguin Books Ltd, United Kingdom, 2014. Hardback. Condition: New. Victoria Assanelli (illustrator). UK ed. Language: English. Brand new Book. This beautiful hardback Ladybird edition of Pinocchio is a perfect first illustrated introduction to this classic story for young readers from 3+. The...