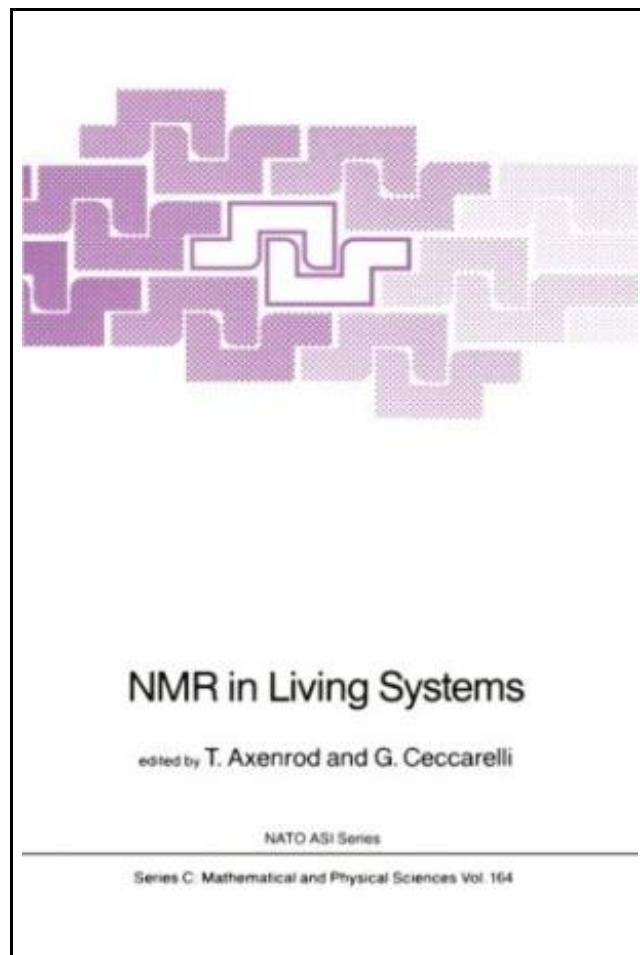


## NMR in Living Systems (Paperback)



Filesize: 1.19 MB

### Reviews

*It is one of the best books. Indeed, it really is a play, nevertheless an amazing and interesting literature. It is extremely difficult to leave it before concluding, once you begin to read the book.*  
*(Sofia Yundt)*

## NMR IN LIVING SYSTEMS (PAPERBACK)

[DOWNLOAD](#)

Springer, Netherlands, 2011. Paperback. Condition: New. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.In the four decades since its discovery nuclear magnetic resonance (NMR) has become an indispensable tool for obtaining chemical information often. inaccessible by other methods. With the development of instruments of increasingly higher magnetic field strengths, the integration of powerful computers and the availability of an expanding array of flexible software new applications and developments have proliferated rapidly. Among the more exciting new advances is the use of NMR spectroscopy to probe biological systems. The last ten years have witnessed tremendous progress in the development of new NMR imaging and spectroscopic techniques for research and diagnostic applications. The ability to investigate metabolic processes and anatomical structure of intact biological systems under conditions that are totally non-destructive and non-invasive clearly provides much of the impetus for the intense activity that has been generated in the fields of medicine, radiology and the allied basic sciences. Significant advances have been made in this brief period: Whole-body proton NMR imaging today provides anatomical definition of normal and abnormal tissue with a contrast and detection sensitivity often superior to those of X-ray computed tomography and other competing imaging methods. Biochemical pathways, using NMR spectroscopy of protons, carbon-13 and phosphorus-31 nuclei in live animals and man can readily be followed by surface-coil methods to detect metabolites in localized regions. Indicative of the importance and widespread acceptance of these techniques is the explosive growth that the NMR literature is experiencing. This augers well for the future. Softcover reprint of the original 1st ed. 1986.

[Read NMR in Living Systems \(Paperback\) Online](#)[Download PDF NMR in Living Systems \(Paperback\)](#)

## You May Also Like

---

**Transfer of Blm s Oil and Gas Lease Duties to States: Oversight Hearing Before the Subcommittee on Energy and Mineral Resources of the Committee on Resources, House of Representatives (Classic Reprint) (Paperback)**

Forgotten Books, United States, 2016. Paperback. Condition: New. Language: English . This book usually ship within 10-15 business days and we will endeavor to dispatch orders quicker than this where possible. Brand New Book. Excerpt...

[Read Book »](#)**Introductory Mathematical Analysis (Paperback)**

Createspace Independent Publishing Platform, United States, 2013. Paperback. Condition: New. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.An excerpt from the PREFACE: The present course is the result of several years of...

[Read Book »](#)**Professional planning materials of the 21st century colleges embedded systems: embedded operating system COS-II(Chinese Edition)**

paperback. Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2012-08-01 Pages: 268 Publisher: Tsinghua University Press book edge KC10.29 basic information...

[Read Book »](#)**Children with autism early intervention Denver mode: Use everyday activities to develop communication and participation in learning ability(Chinese Edition)**

paperback. Condition: New. Paperback. Pub Date: 2016-01-01 Pages: 335 Language: Chinese Publisher: Routledge early intervention Denver mode (Early Start Denver Model. ESDM) by Professor MIND Institute of Developmental Psychology. University of California Sally Rogers and...

[Read Book »](#)**Votre Programme Pour La Prevention Et Le Traitement Naturel de la Scoliose (La 4e Edition): Le Programme Et Le Manuel Ultimes Pour Une Colonne Vertebrale Plus Forte Et Plus Droite. (Paperback)**

Health in Your Hands Pte Ltd., 2016. Paperback. Condition: New. Language: French . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.La 4e edition - entierement revisee, avec de nouveaux chapitres Livre no 1 sur la...

[Read Book »](#)