

University Library Committee 1995-1996

Memo from N.G. Deshpande on serials cut

The following is an e-mail communication received from N. G. Deshpande on 1 February 1996 regarding the serials cancellation project. It is posted with his permission.

Physics was asked to cut its serial budget by 22.8%. This amounts to \$72,874 of the total Physics allocation of \$319,453. We have gone through the list of journals and identified approximately \$30,000 worth of journals that could be cancelled. Including previously approved cancellation of \$6,629 for this year, this brings our total cuts to approximately \$37,000, half of the requested amount. I would also like to point out that in the period 1992-1995 (in the previous journal cancellation), Physics cancellations amounted to \$35,797.

I wish to bring to your attention the serious consequences of any cuts beyond those we have identified. As you are aware, the Physics Department has a tradition of diversity in its research interests. Our faculty is very active in research, and members play a leading role in research carried out at the Institute of Theoretical Science, Materials Science Institute, Chemical Physics Institute, and the Institute of Molecular Biology. Any further cuts will seriously endanger our research mission. Every journal that is not on the cut list is actually being utilized by our faculty. I would like the University to examine at the highest level the consequences of such a draconian cut in our serial budget. Either the library budget committee will have to change its priorities, or new sources of support for journals must be found. I believe 22% cuts in the serial budget is unacceptable.

I realize that costs for journals are rising faster than inflation and some cost control is necessary. It may be that as new technology becomes more widely available, the journals will go electronic, reducing the cost. We need a plan to get us through the next few years before the benefits of the new technology are realized.

I give below the list of journals that can be cut and those that have been cut in previous cuts.

Appendix A: New cut list.

Acoustical Physics	\$ 999
Advances in Mass Spectrometry	197
Applied Spectroscopy	189
Astrophysical Journal (Pine Mtn copy)	799
Astrophysics and Space Science	3,024
Australian Journal of Physics	348
Celestial Mechanics and Dyn. Astronomy	954

Comptes Rendus... series I (math)	1,535
Frontiers in Physics	119
IEEE Transactions on Prof. Commun.	87
Indian Journal of Physics. Part A.	360
Indian Journal of PUre & Applied Sci.	206
INIS Atomindex	793
Integrated Circuits. Digital.	230
Integrated circuits. Linear	230
Journal of Electronic Materials	239
Journal of Hydrology	2,624
Journal of Imaging Sci & Tech	123
Journal of Materials Educ	265
Measurement Science and Technology	904
Nuclear Data Sheets	655
Nuclear Science & Engineering	442
Physics and Chemistry of the Earth	692
Physics in Medicine & biology	988
Physics of Atomic Nuclei	2,614
Planetary and Space Science	1,473
Prog. in Nuclear Mag Res Spectroscopy	415
Russian Physics Journal	1,430
Seismological Research Letters	60
Solid State and Supercond. Abstracts	1,046
Symp. on combustion	203
Synthetic Metals	2,337
Technical Physics	2,255
Technical Physics Letters	1,416
Total	\$30,242

Appendix B: Previously cut journals.

Level I

Astrophysics	898
Boston Studies in the Phil of Sci	1469
Bull of the Russ Acad of Sci. Physics	1313
Hadronic Journal	271
Hadronic Journal supplements	166
Journal of Nuclear Materials	3331

Level II:

Annales de L'I.H.P. Physique theorique	717
Annals of Nuclear energy	891
Applied Scientific Research	515
Contributions to Plasma Physics	630
Current papers in Physics	407
Czech J. of Physics	677
Dynamics of Atmospheres and Oceans geog.)	491 (picked up by
Energy Abstracts	964
Int. Journal of Mass Spectrometry	2469
Journal of the Mech. and Phys of Solids	1528
Liquid Crystals	2293
Moscow Univ of Physics Bull	729
Radiation Research	583

Radiochimica Acta	953
X-Ray Spectrometry	637
Level III cuts:	

Advances in Nuclear Science & Tech	65
Astronomische Nachrichten	366
Dialogue	62
Experiments in fluids	748
Fiziki, Astronomii	78
Inst of Phys Conf series	228
Interciencia	62
International J of applied electromag	218
JOM: J of the Minerals, Metals and Mater. soc	93
Journal of Rheology	365
Journal of Technical Physics	125
Journal of amer Soc for Mass Spectrometry	307
Journal of the Atmosph. Sciences	365 (picked up by geog)
Key Abstracts: Electronic Inst.	161
Notes and Records. Royal Soc GB	61
Physik Daten	27
Prog in Astronautics and Aeronautics	122
Quarterly J of Mech and appl. Mathematics	218
Radio Science	261
Research Policy	366
(picked up by Business)	
Subnuclear Series	118
Tellus. Series A. Dyn. Meteorology	257 (picked up by

geog)

Topics in Current Physics	50
Trans. American Nuclear Society	328
Vestnik Moskovskogo Ser III: Astronomii	78
Acta Astronautica	1604
Acta Metallurgica et Materialia	766
Acustica	620
Contemporary Physics	312
Few Body Systems	452
Fusion Technology: J of the Amer Nuc Soc	495
Infrared Physics	742
International J of Electronics	938
International J of Pixe	250
Journal of Atmospherical and Terr. Phys	1453
Nuclear Fusion	386
Physikalische Blatter	188
Scripta Metallurgica et Materialia	530

N.G. Deshpande, Institute of Theoretical Science, University of Oregon Eugene OR 97403