



DOWNLOAD



The Professor at the Breakfast-Table, with an Intr. by W.R. Nicoll

By -

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 108 pages. Original publisher: Washington, D. C. : National Aeronautics and Space Administration, Office of Management, Scientific and Technical Information Division ; Springfield, Va. : For sale by the National Technical Information Service, 1990. OCLC Number: (OCoLC)34370600 Subject: Solid-state lasers -- Thermal properties -- Computer simulation. Excerpt: . . . rod. Collectively, the above factors of temperature variation of the refractive index, induced birefringence, and bulge are called thermal lensing. Thermal lensing is the defocusing and distortion of a laser beam transmitted through a material medium, due to the non-uniform heating of the material. 4 In this thesis, using the Temperature Distribution Model, thermal lensing effects will be analyzed to develop a Thermal Lensing Model. The Thermal Lensing Model will be employed to predict changes in the focal length and resultant distortions due to the time dependent temperature variations of the refractive index for two common laser materials that are under evaluation. These materials are Neodymium doped Yttrium Aluminum Garnet (YAG) (Y3Al5O12) and Titanium doped Aluminum Oxide (Sapphire) (AL2O3). From this point onward, these two materials will be called Nd:...



READ ONLINE
[5.12 MB]

Reviews

I actually began looking at this pdf. It is actually rally interesting through reading time period. You will not really feel monotony at at any time of your respective time (that's what catalogues are for concerning if you ask me).

-- Brayan Mohr Sr.

A superior quality publication along with the font used was fascinating to learn. I have read through and i also am certain that i am going to going to go through yet again again in the future. Your life period will likely be enhance the instant you total reading this publication.

-- Donnie Rice