



## Radial Distribution of Absorption in a Cesium Heat Pipe with Axial Laser Heating

By Charles D. Fox

Biblioscholar Okt 2012, 2012. Taschenbuch. Book Condition: Neu. 246x189x4 mm. This item is printed on demand - Print on Demand Neuware - Diode Pumped Alkali Lasers (DPAL) have been scaled to greater than 100 W and exhibit slope efficiencies exceeding 80 percent, offering application for tactical laser weapons. The hybrid DPAL system combines efficient diode pumping with the good beam quality and thermal characteristics of gas lasers. Thermal effects on alkali concentration have been observed to degrade performance, while low speed flowing systems are in development. However, spatial gradients in temperature and concentrations have not previously been observed. In the present work, a 0.8 W/ cm<sup>2</sup> pump laser at the D1 frequency heats the medium in a T=50-100C Cs heat pipe with 5 Torr nitrogen used for quenching. A 31 μW/cm<sup>22</sup> diode laser probes the spectral absorbance of the Cs cell on the D2 transition with radial spatial resolution. 70 pp. Englisch.



**READ ONLINE**  
[ 5.26 MB ]

### Reviews

*An extremely wonderful book with perfect and lucid information. This can be for all those who statte there had not been a really worth reading through. Its been written in an exceptionally easy way and it is only after i finished reading this ebook in which actually modified me, alter the way i really believe.*

-- **Kaelyn Reichel**

*Extensive manual! Its this sort of very good study. It is rally fascinating through reading time period. I am just pleased to explain how this is actually the finest publication we have go through during my personal life and can be he greatest ebook for actually.*

-- **Henri Runolfsdottir**

## Other Books



### **Psychologisches Testverfahren**

Reference Series Books LLC Nov 2011, 2011. Taschenbuch. Book Condition: Neu. 249x191x7 mm. This item is printed on demand - Print on Demand Neuware - Quelle: Wikipedia. Seiten: 100. Kapitel: Myers-Briggs-Typindikator, Keirsey Temperament Sorter, DISG, Eignungstest für das Medizinstudium, Adult Attachment Interview,...



### **Programming in D**

Ali Cehreli Dez 2015, 2015. Buch. Book Condition: Neu. 264x182x53 mm. This item is printed on demand - Print on Demand Neuware - The main aim of this book is to teach D to readers who are new to computer programming. Although...



### **Studyguide for Social Studies for the Preschool/Primary Child by Carol Seefeldt ISBN: 9780137152841**

2011. Softcover. Book Condition: New. 8th. 8.25 x 11 in. Never HIGHLIGHT a Book Again! Includes all testable terms, concepts, persons, places, and events. Cram101 Just the FACTS101 studyguides gives all of the outlines, highlights, and quizzes for your textbook with optional...



### **Ohio Court Rules 2012, Government of Bench Bar (Paperback)**

Createspace, United States, 2011. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Superseded by 2013 Edition. This title is available, but should be relied upon solely for purposes of historical reference or...



### **Studyguide for Constructive Guidance and Discipline: Preschool and Primary Education by Marjorie V. Fields ISBN: 9780136035930**

2009. Softcover. Book Condition: New. 5th. 8.25 x 11 in. Never HIGHLIGHT a Book Again! Includes all testable terms, concepts, persons, places, and events. Cram101 Just the FACTS101 studyguides gives all of the outlines, highlights, and quizzes for your textbook with optional...



### **Studyguide for Preschool Appropriate Practices by Janice J. Beaty ISBN: 9781428304482**

2011. Softcover. Book Condition: New. 3rd. 8.25 x 11 in. Never HIGHLIGHT a Book Again! Includes all testable terms, concepts, persons, places, and events. Cram101 Just the FACTS101 studyguides gives all of the outlines, highlights, and quizzes for your textbook with optional...