



Memoirs of James Robert Hope-Scott, of Abbotsford, D.C.L., Q.C., Late Fellow of Merton College, Oxford With Selections from His Correspondence Volume

By-

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 24 pages. Original publisher: Adelphi, MD: Army Research Laboratory, 2009 OCLC Number: (OCoLC)495785618 Subject: Lasers -- Research. Excerpt: . . . account the collection efficiency and the fact that light is collected from only one facet. At 30 K the measured RIN monotonically decreases from a value of - 105 dB at threshold to around - 162 dB for II5, in good qualitative agreement with the theoretical results (18) shown in th 2 figure 4. Over the range 11 13, the measured 30 K RIN approximately shows a 1 P th dependence in agreement with theoretical and experimental results (19, 25). Figure 4 shows that at 100 K, the measured RIN decreases from - 112 dB at threshold to - 152 dB at II 1. 6, and th then increases to - 134 dB at II2. 9. The observed increase in the RIN, with increasing current th over the range 1.6 I I 3 at 100 K, disagrees with theoretical prediction. The mechanism for th the observed increase in the IC laser 100 K RIN...



Reviews

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