

REFERENCE

- [1]. David S. Wu, "Optical-scanner design impacts rapid laser prototyping", *Laser Focus World*, Nov. 1990, p.p.99-103
- [2]. Glenn E. Stutz, "Laser Scanning System Design", *Photonics Spectra*, June 1990, p.p. 113-116
- [3]. K.H. Wong, "Time-resolved studies of CO₂ laser ablation of polymers", University of Malaya, 1996, p.p. 6-12
- [4]. "PMI Film Notes", *KODAK*, 1997, p.p. 1-5
- [5]. D.N. Astadjov, "Influence of hydrogen on the kinetics of copper bromide lasers", "Pulsed Metal Vapour Lasers", *Kluwer Academic Publishers*, 1995, p.p. 169-174
- [6]. "CX1135 Hydrogen-Filled Ceramic Thyratron", *EEV*, Feb. 1995, p.p. 1-4
- [7]. D.R. Jones, A. Maitland, C.E. Little, "A simple and reliable 100 kHz all solid state thyratron driver for pulsed laser applications", *Meas. Sci. Tech.*, 1994, p.p.560-562
- [8]. P.E. Dyer, "Unstable Resonators", p.p. 21-35
- [9]. J. Wilson & J.F.B. Hawkes, "Lasers Principles and Applications", *Prentice Hall International*, 1987, p.p. 24-46

- [10]. R. Salimbeni, "Beam quality issues in CVL applications", "Pulsed Metal Vapour Lasers", Kluwer Academic Publishers, Aug 1995, p.p. 229-240
- [11]. T. Bahners, D. Knittel, H. Franz, U. Bahr, C. Benndorf, E. Schollmeyer, "Chemical and physical properties of laser-treated poly(ethyleneterephthalate)", J.Appl. Phys. Vol. 68 No.4, Aug. 1990, p.p. 1854-1858
- [12]. K.E. Cheah, "Investigation of an Eutectic Gold Vapour laser", University of Malaya, 1992, p.p.15-90
- [13]. R. Pini, "Drilling and cutting transparent substrates with copper vapour lasers", "Pulsed Metal Vapour Lasers", Kluwer Academic Publishers, 1995, p.p. 359-364
- [14] V. Srinivasan, M.A. Smrtic, S.V. Babu, J. Appl. Phys., 1986, p.p. 59
- [15]. "Introduction to Gaussian Beam Optics", Melles Griot Optics Guide, 1995, p.p.2.2-2.14
- [16]. R.J. Sherman, "Beam deflecting systems and their uses", Laurin Pub., p.p. H173-H175
- [17]. David C. Woodruff, "New shutter design meet challenge of laser systems", Laser Focus World, Sept. 1991, p.p. 129-140
- [18]. Daniel Vukobratovich, "Positioning equipment puts optics in the right places", Laser Focus World, Sept. 1989, p.p. A6-A7
- [19]. "Series 650X Mirror Positioning System Instruction Manual", Cambridge

Technology, 1993, p.p. 2-19

[20]. "The Advanced Copper Laser (Product Brochure)", Oxford Lasers, p.p. 2-13

[21]. "Instruction Manual for High Voltage Power Supply Model 402", Electronic Measurements, p.p. 1-25

[22]. "Chroma 10 Argon Ion Laser Operations Manual", Spectra Physics, p.p. 1.1-6.3

[23]. "XL7000: A Sealed-off Copper Vapour Laser Tube", EEV, Jan. 1994, p.p.1-8

[24]. C.E. Webb, G.P. Hogan, "Copper laser kinetics", "Pulsed Metal Vapour Lasers", Kluwer Academic Publishers, 1995, p.p. 29-41

[25]. W.T. Walter, "Copper lasers in the beginning", "Pulsed Metal Vapour Lasers", Kluwer Academic Publishers, 1995, p.p. 15-26

[26]. D.J.W. Brown, M.J. Withford, R.P. Mildren, J.A. Piper, "The effects of impurities on metal vapour laser performance", "Pulsed Metal Vapour Lasers", Kluwer Academic Publishers, 1995, p.p. 161-168

[27]. D.J.W. Brown, "Beam quality issues in copper vapour lasers", "Pulsed Metal Vapour Lasers", Kluwer Academic Publishers, 1995, p.p. 241-254

[28]. R. Bhatnagar, S.K. Shukla, B. Singh, J.K. Mittal, "Advances in unstable resonator technology for pulsed metal vapour lasers", "Pulsed Metal Vapour Lasers", Kluwer Academic Publishers, 1995, p.p. 255-262

- [29]. C. Korner, M. Hartmann, R. Mayerhofer, "Precision machining with copper vapour lasers", "Pulsed Metal Vapour Lasers", Kluwer Academic Publishers, 1995, p.p. 317-330
- [30]. B.E. Warner, C.D. Boley, J.J. Chang, E.P. Dragon, M.A. Havstad, M. Martinez, W. Mclean II, "Industrial applications of high-power copper lasers", "Pulsed Metal Vapour Lasers", Kluwer Academic Publishers, 1995, p.p. 331-346
- [31]. D.W. Coutts, A.C.J. Glover, E.K. Illy, D.J.W. Brown, J.A. Piper, "UV micromachining using copper vapour lasers", "Pulsed Metal Vapour Lasers", Kluwer Academic Publishers, 1995, p.p. 365-370
- [32]. "Cavity designs for metal vapour lasers (Technical Information No. 11)", Oxford Lasers, p.p. 1-6
- [33]. "EASTMAN EXR 100T Film 5248, 7248 Technical Information Data Sheet", KODAK, 1992, p.p. 6-8
- [34]. D.C. William Jr., "Materials Science and Engineering", McGraw Hill, 1994, p.p. 479-482
- [35]. J.D. Kelley, M.I. Stuff, F.E. Hovis, "Removal of small particles from surfaces by pulsed laser irradiation: observations and a mechanism", SPIE Vol. 1415, 1997, p.p. 211-219
- [36]. "Gaussian Beam Optics Tutorial", Newport, 1998, p.p. 1-6

- [37]. "Excimer laser irradiation: The key to advanced technology", "Lambda Industrial Report No. 8", Lambda Physic, Nov. 1994, p.p. 1-6
- [38]. D. Appelt , A. Cunha, "Cutting and engraving of materials with a CO₂ laser", SPIE Vol. 952, 1988, p.p. 618-621
- [39]. O.O. Flemming, "Laser cutting", SPIE Vol. 952, 1988, p.p. 572-582
- [40]. T.D. Milster, E.P. Walker, "Figures of merit for laser beam quality", SPIE Vol. 1834, 1992, p.p. 79-85
- [41]. B. Haba, Y. Morishige, "Novel technique in polyimide using visible laser", Appl. Phys. Lett., June 1995, p.p. 3591-3593
- [42]. I. Yin, S. Lee, X. Wen, W.A. Tolbert, D.D. Dlott, M. Doxtader, D.R. Arnold, "Direct measurement of polymer temperature during laser ablation using a molecular thermometer", J. Appl. Phys., Sept. 1992, p.p. 2440-2448
- [43]. D.R. Whitehouse, "The divergence and Strehl Ratios of L-G Multi-Mode Beams", SPIE Vol. 1834, 1992, p.p. 86-97
- [44] C.W. Foo, K.S. Low, "Laser markings on film substrate using Copper Vapour and Argon Ion Lasers", International Meeting on Frontiers of Physics, Oct. 1998, p.p. 1-5