

Papers published in refereed Journals and Conference Proceedings

1. *Diffusion studies in liquids with multiple beam interferometer*
Arun Anand, Vani K Chhaniwal, S Mukherjee, CS Narayanamurthy
Optics & Laser Technology, **34**, 45-49 (2002)
2. *Diffusion studies in transparent liquids using Optical techniques*
Vani K Chhaniwal, Arun Anand, CS Narayanamurthy
Proc. SPIE, **4829**, 849-850 (2002)
3. *New optical techniques for diffusion studies in transparent liquids*
Vani K Chhaniwal, Arun Anand, Sanjay Girhe, Dhiraj Patil, N Subhramanyam, CS Narayanamurthy
J. Opt A. Pure and Applied Optics, **5**, S329-S337 (2003)
4. *Diffusion studies of transparent binary liquid solutions using fringe projection*
Vani K Chhaniwal, Arun Anand, Sanjay Girhe, N Subhramanyam, CS Narayanamurthy
Proc. SPIE, **5144**, 687-696 (2003).
5. *Hairiness measurement of textile yarns from scattered light*
Vani K Chhaniwal, Arun Anand, CS Narayanamurthy
Proceedings of International Conference on Laser Applications and Optical Metrology (ICOLAM03), pp. 503-506 (2003)
6. *Automatic tracing of interference fringes and noise reduction*
Vani K Chhaniwal, Arun Anand
Proceedings of International Conference on Laser Applications and Optical Metrology (ICOLAM03), pp. 400-404 (2003).
7. *Measurement of diffusion coefficient of transparent liquid solutions using Michelson Interferometer*
Vani K Chhaniwal, Arun Anand, CS Narayanamurthy
Optics & lasers in engineering, **42**, 9-20 (2004)

Papers under review and communication

1. *Collimation testing utilizing optically active materials*
Arun Anand, Vani K Chhaniwal, CS Narayanamurthy
2. *Diffusion coefficient measurement using white light*
Arun Anand, Vani K Chhaniwal, CS Narayanamurthy
3. *Hairiness measurement of textile yarns using crossed polarizers*
Vani K Chhaniwal, Arun Anand, Gautam Hemani, CS Narayanamurthy
4. *Beamsplitter testing with Michelson Interferometer*
Arun Anand, Vani K Chhaniwal, CS Narayanamurthy