

CHAPTER 8

PUBLICATIONS, SEMINAR, CONFERENCE PRESENTATIONS

1. A.L.Anis and H.B.Ahmad,
"Optical parametric oscillation in BBO pumped with a single mode laser", **Proceedings of National Physics Conference (PERFIK) 1994**, University of Malaya. (26-28 Sept. 1994)
2. A.L.Anis and H.B.Ahmad,
"Comparitive studies of D-CDA and KD*P crystals as second harmonic generators of 1.06 μ m radiation",
submitted to the **Journal of Solid State Science & Technology**
3. A.L.Anis and H.B.Ahmad,
"Tunable laser sources",
presented at **Seminar on Lasers and Optoelectronics**,
Institute of Advanced Studies, University of Malaya. (21 Nov. 1994)
4. A.L.Anis and H.B.Ahmad,
"Continuously tunable beta barium borate parametric oscillator",
presented at **Second Winter College on Optics, I.C.T.P. Trieste, Italy** (20 Feb.-10 Mar 1995)

5. A.L.Anis, P.Poopalan and H.B.Ahmad,
"Phase matching angles calculation in nonlinear uniaxial crystals",
submitted to **Journal of Physics, Centre For Foundation Studies In
Science**, University of Malaya. (Apr. 1995)

6. A.L.Anis, P.Poopalan and H.B.Ahmad,
"Beta barium borate-calculation of phase matching angles",
submitted to **Jurnal Fizik UTM**, Universiti Teknologi Malaysia.
(April 1995)

7. A.L.Anis, P.Poopalan and H.B.Ahmad,
"CW Nd:YAG laser end-pumped by a diode laser at 805nm",
submitted to **J. Fiz. Mal.** (Sept.1995)

8. A.L.Anis, P.Poopalan and H.B.Ahmad,
"Efficient solid-state laser end-pumped by a semiconductor
diode laser",
presented at **XII Annual Solid-state Science & Technology
Conference**, 2-3 Nov. 1995, Penang, Malaysia
(to be published in the proceedings)

9. A.L.Anis and H.B.Ahmad,
"Design of an optical parametric oscillator with pump reflection",
presented at **National Physics Conference**
(PERFIK) 1995, 22-23 Nov. 1995, UPM, Serdang, Malaysia.
(to be published in the proceedings)

10. H.B.Ahmad, A.L.Anis, P.Poopalan and M.S. Kassim,
"Application of diode laser pumped solid-state lasers in optical
communication",
submitted to **Telekom Journal**, Telekom Malaysia (Dec. 1995)

11. A.L.Anis, P.Poopalan and H.B.Ahmad,
"Fourth harmonic generation in beta barium borate",
Internal Report , Laser Research Lab., Physics Department,
University of Malaya. (Mar 1995)

12. H.B.Ahmad, A.L.Anis and P. Poopalan,
"Research project for industrial applications and commercialisation",
Internal Report, Laser Research Lab., Physics Department,
University of Malaya. (Mar 1995)

13. A.L.Anis,P.Poopalan and H.B.Ahmad,
"Calculation of phase matching angles in nonlinear three-wave interaction",
Internal Report, Laser Research Lab. Physics Department,
University of Malaya. (Apr. 1995)

14. A.L.Anis and H.B.Ahmad,
" β -BaB₂O₄ parametric oscillator with pump reflection",
Internal Report, Laser Research Lab., Physics Department,
University of Malaya. (Apr.1995)

15. A.L.Anis, P.Poopalan and H.B.Ahmad,
"Diode laser pumped Nd:YAG laser with a GRIN lens coupling",
Internal Report, Laser Research Lab.,Physics Dept. University of
Malaya

16. A.L.Anis, P. Poopalan and H.B.Ahmad,
"Compact diode-pumped laser system for passive optical amplifier
components",
Internal Report, Laser and Optical Fibre Research Laboratory,
University of Malaya. (Dec. 1995)