

Ultrasonic Parameters and its Measurement Techniques

Deepti Khare and Dr. Sanjeev Kumar Shrivastava

Department of Physics
Bundelkhand University, Jhansi, India

Abstract: *The ultrasonic parameters viz velocity ,attenuation etc are studied using different techniques for low and high frequency ultrasonic waves In this paper the different ultrasonic parameters are discussed along with the different methods to calculate ultrasonic velocity and attenuation of given specimen*

Keywords: ultrasonic

REFERENCES

- [1]. Lukashkin A.N., Lukashkina V.A. and Russell T.J., J.Acoust. Soc . Am.,111(2002)2740
- [2]. Kapys R., Mapeika L. and Tumdys O., Ultragarasas , 42(2000)29
- [3]. Vardharajan R., Sundaram S.K. and Pia K.M.E Ind. J.P.A. Ultra., 24(2002)15
- [4]. Kumon R.E and Hamilton M.F., J.Acoust. Soc. Am., 111(2002)2060
- [5]. Butkus J. and Jakevieius L., Ultragaras,42(2002)37
- [6]. Panuszka R., Damijan Z., Rosinski T. and Misztal, Struc Waves Bio Engg., 10(2001)107
- [7]. Dain Y.and Lueptow R.M., J. Acoust Soc Am .,110(2001)2974
- [8]. Rajagopal S. and Sharma S.J., Ind. J.P.A. Ultra., 24(2002)1
- [9]. Putterman S.J. and Weninger K.R., Ann. Rev. Fluid Mech., 32(2000)445
- [10]. Jeon J.S., Yang I.J. and Kwak H.Y., J.Phys. Soc. Jpn .,69(2000)112