



FIG. 1 Ultrasonic transmission coefficients of steel plate immersed in water



FIG. 2 Piezoelectric guided wave sensor system for piping inspection

Main Research Fields

- Nondestructive Ultrasonic Materials Evaluation

Projects

- Development of efficient inspection methodology using axial and circumferential guided waves
- Development of wall thinning monitoring using noncontacting air-coupled ultrasound
- Novel approach for laser ultrasound

Keywords : Ultrasonic Measurement, Wave Propagation Problem, Ultrasonic Nondestructive Evaluation, Guided Wave Inspection

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