Figure 1: Sketch of the layer, coordinate system and load.
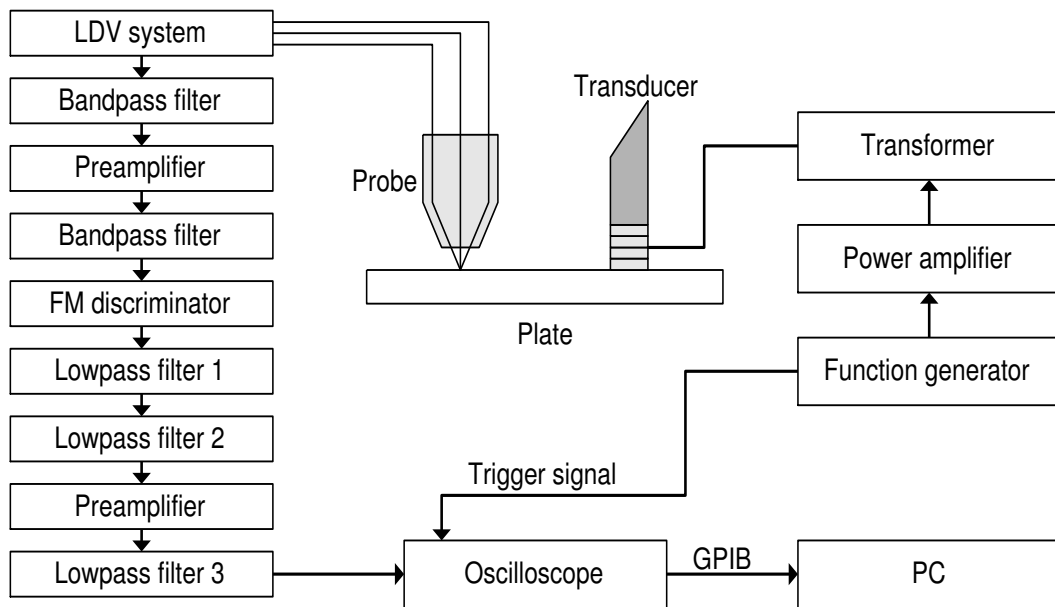
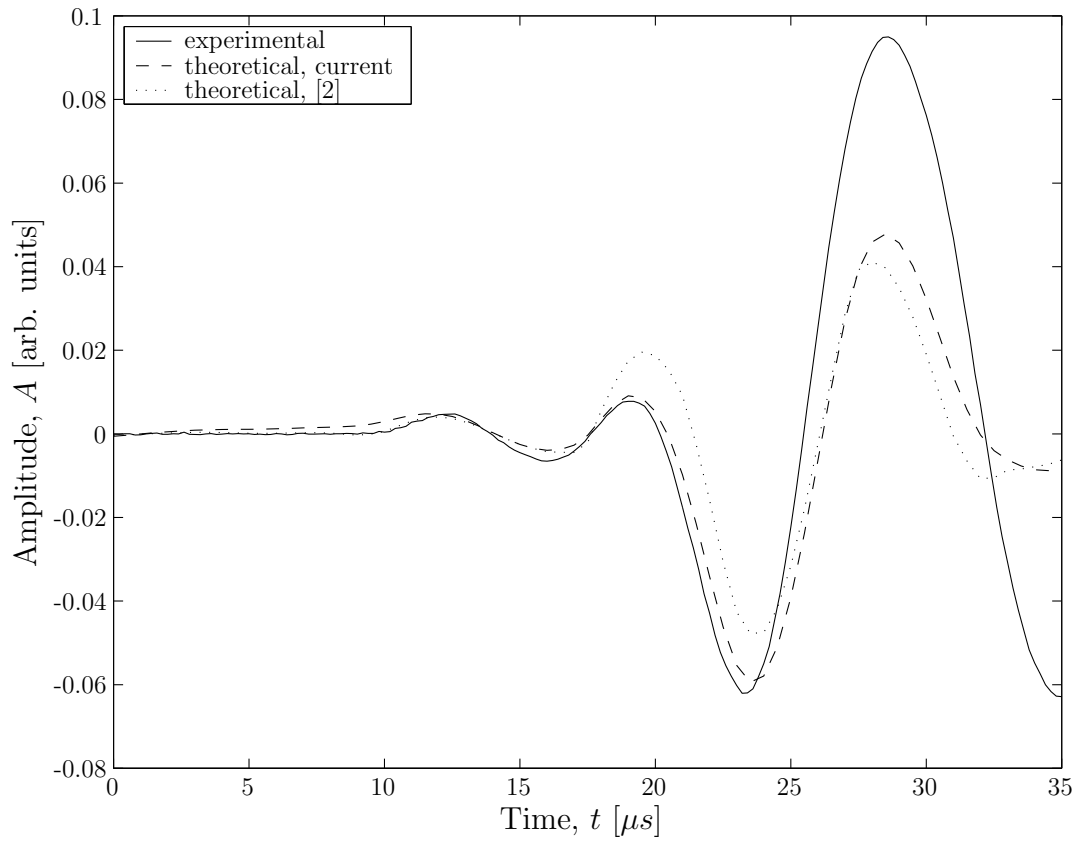Figure 2: Experimental setup and instrumentation.

3.

Figure 3: Comparison of time domain (out-of-plane) experimental results with two theoretical models.
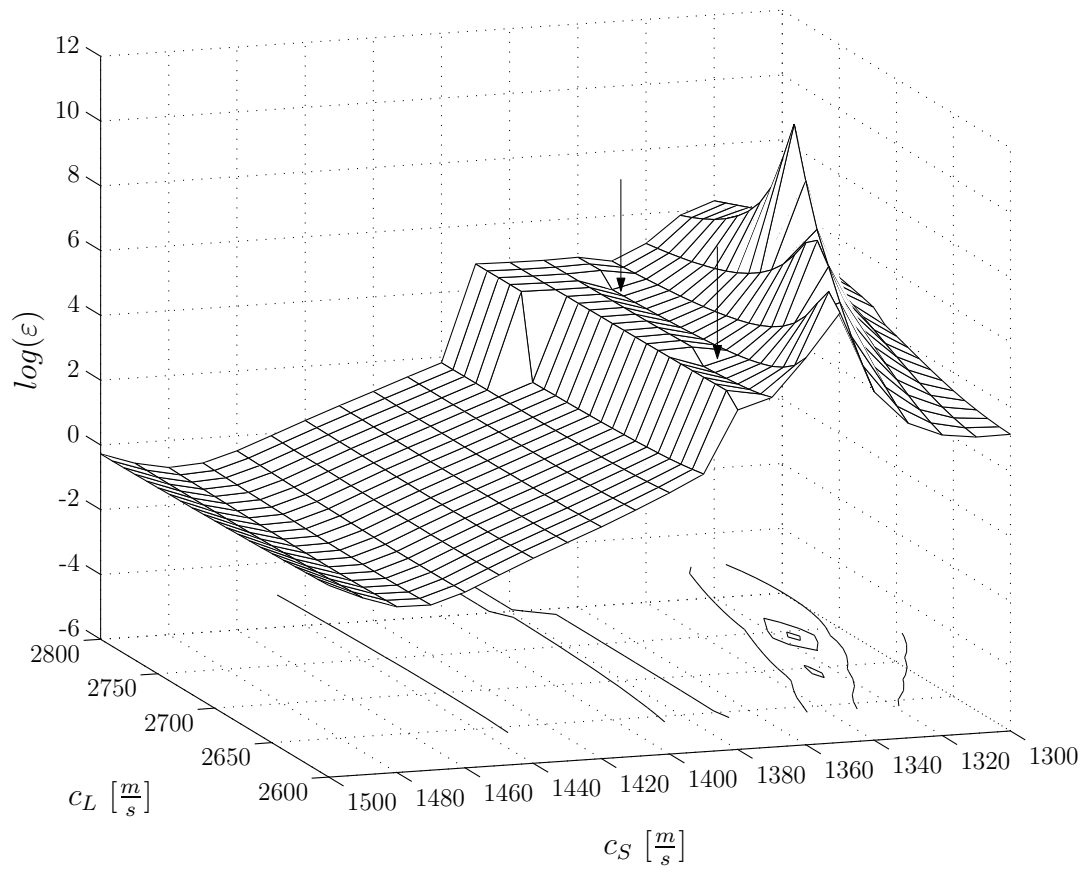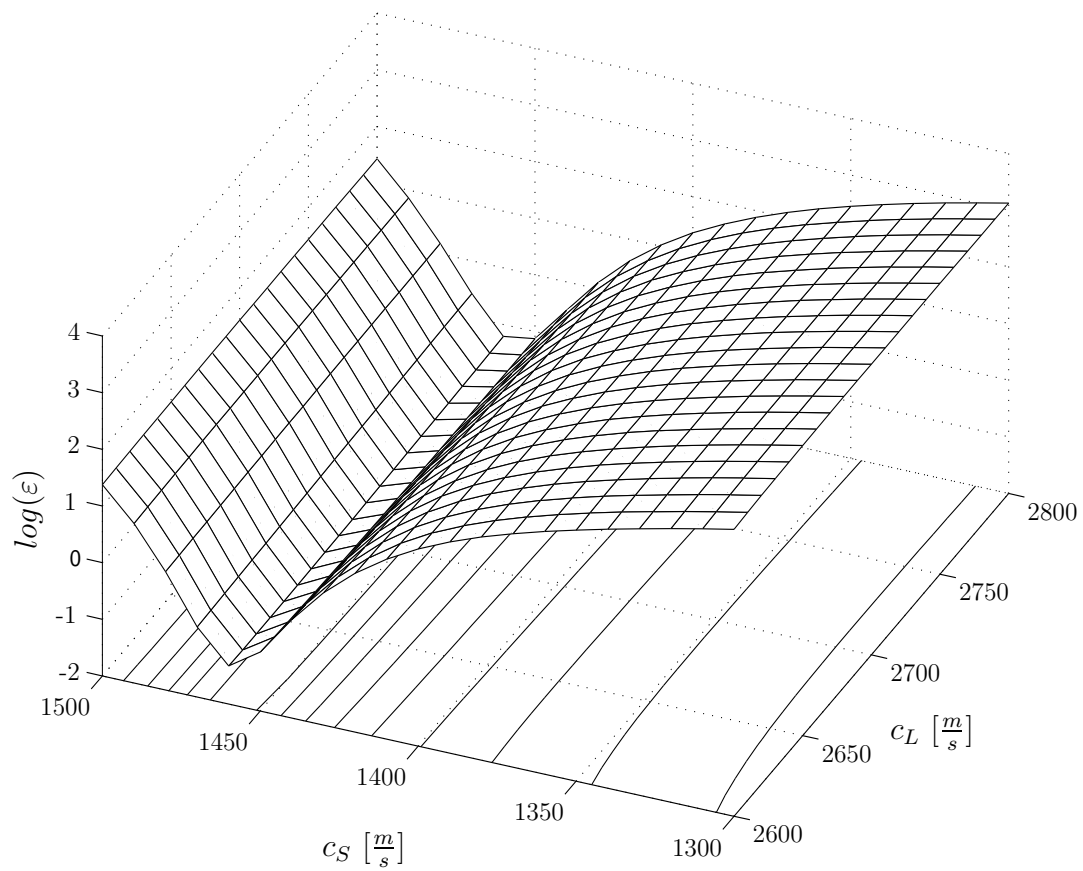
Figure 4: Error-function for the in-plane measurements, ε_r.

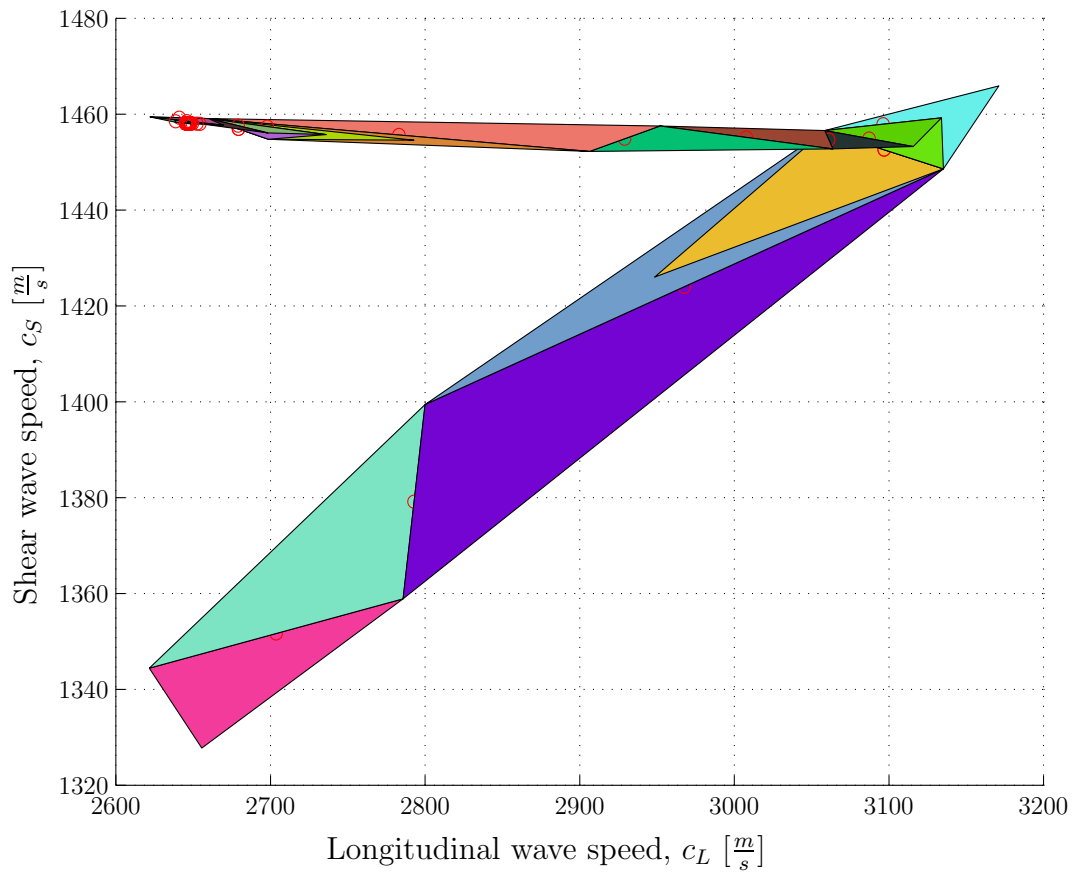Figure 5: Error-function for the out-of-plane measurements, ε_z.

Figure 6: Convergence of downhill-simplex algorithm in the minimization of the error-function ε_{rz}.
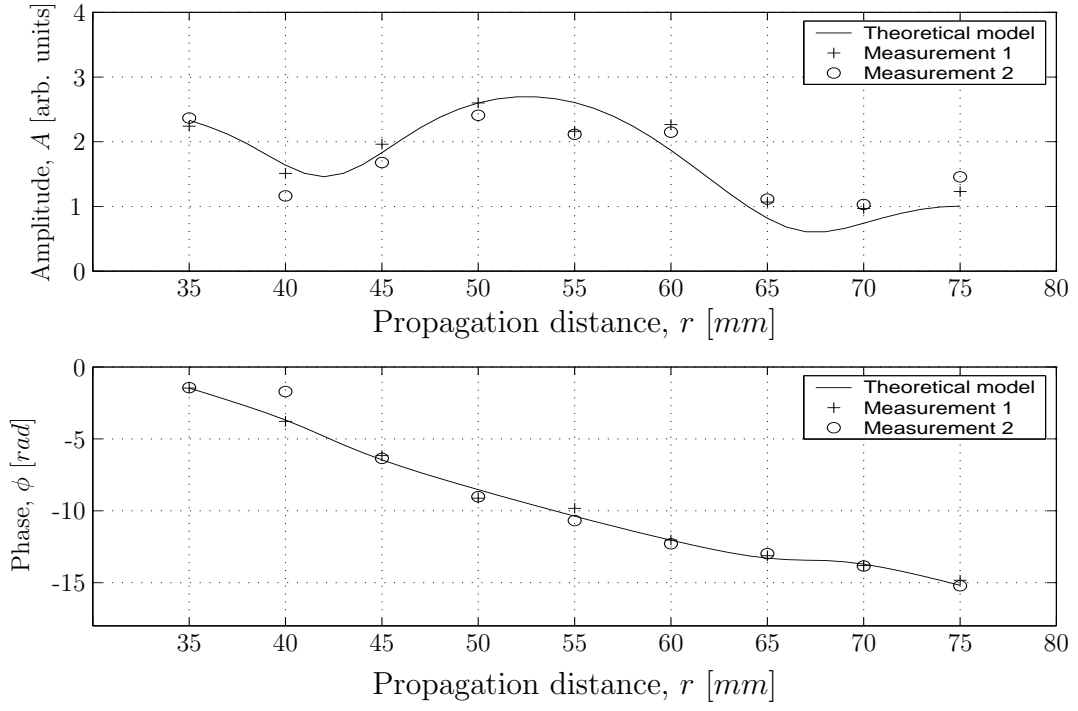
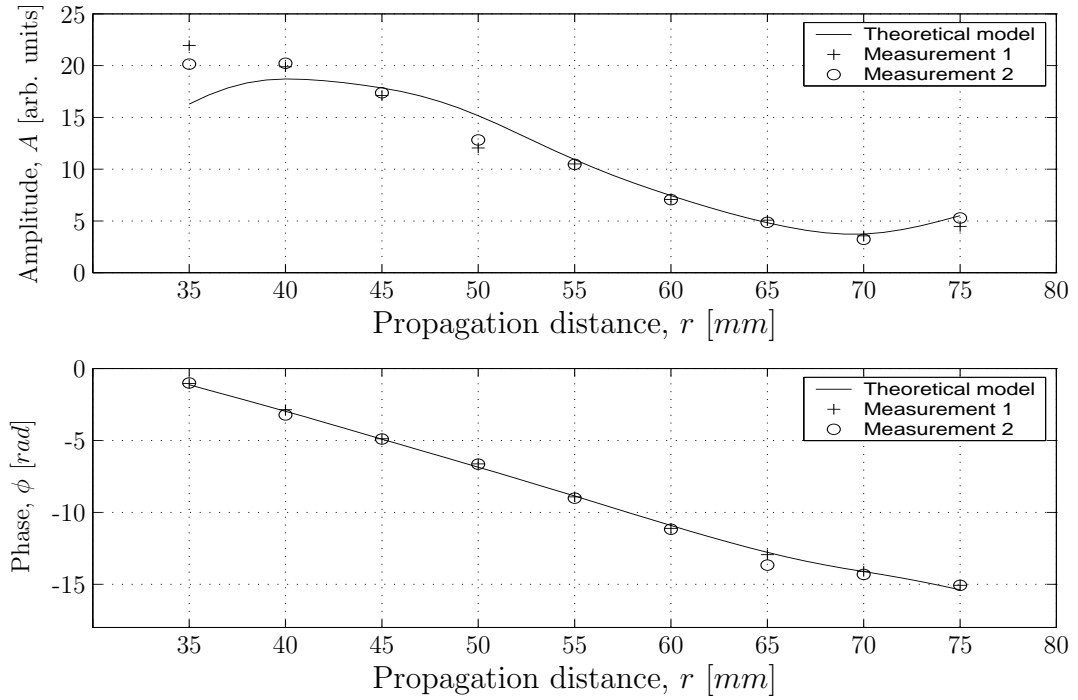Figure 7: Fourier-components of the in-plane displacement, comparison of theoretical and experimental.

Figure 8: Fourier-components of the out-of-plane displacement, comparison of theoretical and experimental.