

TIME DOMAIN PROCESSING/DISPLAY

by

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## ABSTRACT

Through this project the use of DAS is examined, with the application in an actual vibration test.

In the first chapter the Data Acquisition Systems are discussed and a description of the model to be used is presented.

Chapter two includes the study of the theory behind vibrations in order to be able to interpret the experimental results more thoroughly.

Fourier analysis and its importance is discussed in chapter three.

Chapter four includes the application of the DAS. A test and the results of it on a car shock absorber are discussed.

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