DVPLUS TRANSDUCER TEST FIXTURE

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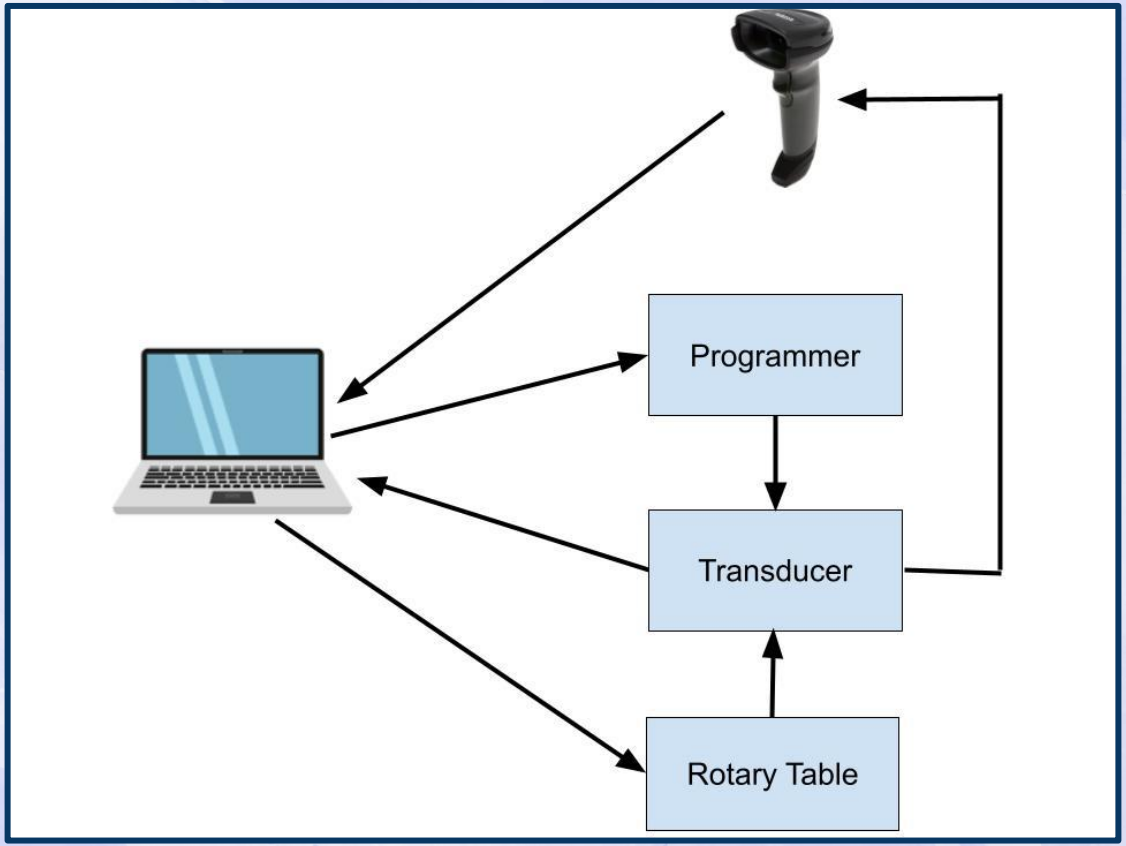
INTRODUCTION

- New transducer requires new intelligence to be implemented.
- This fixture allows for the transducer to be corrected during the run process of the test.
- With the implementation of the temperature sensor, temperature compensation can be applied creating more accurate results.

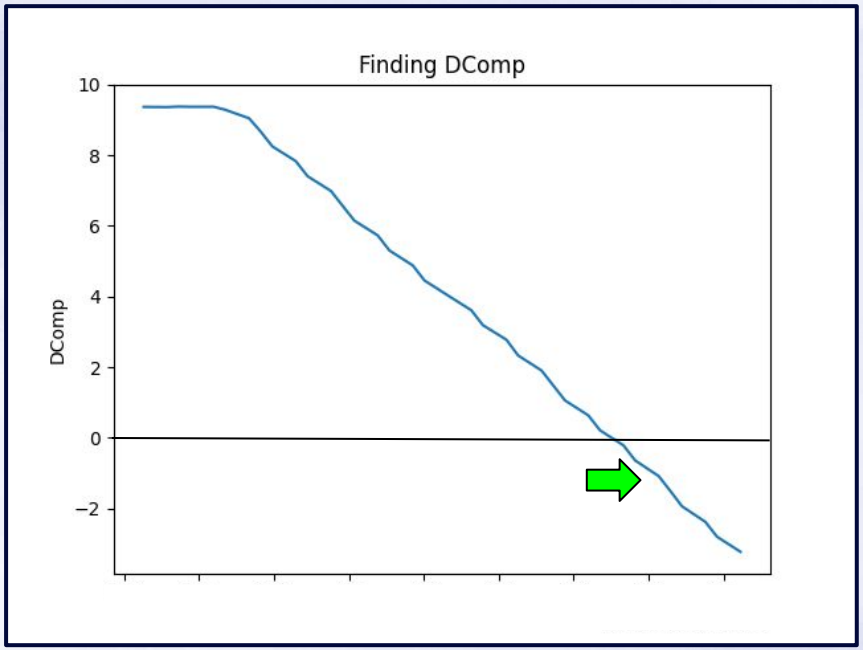
SYSTEM DESIGN

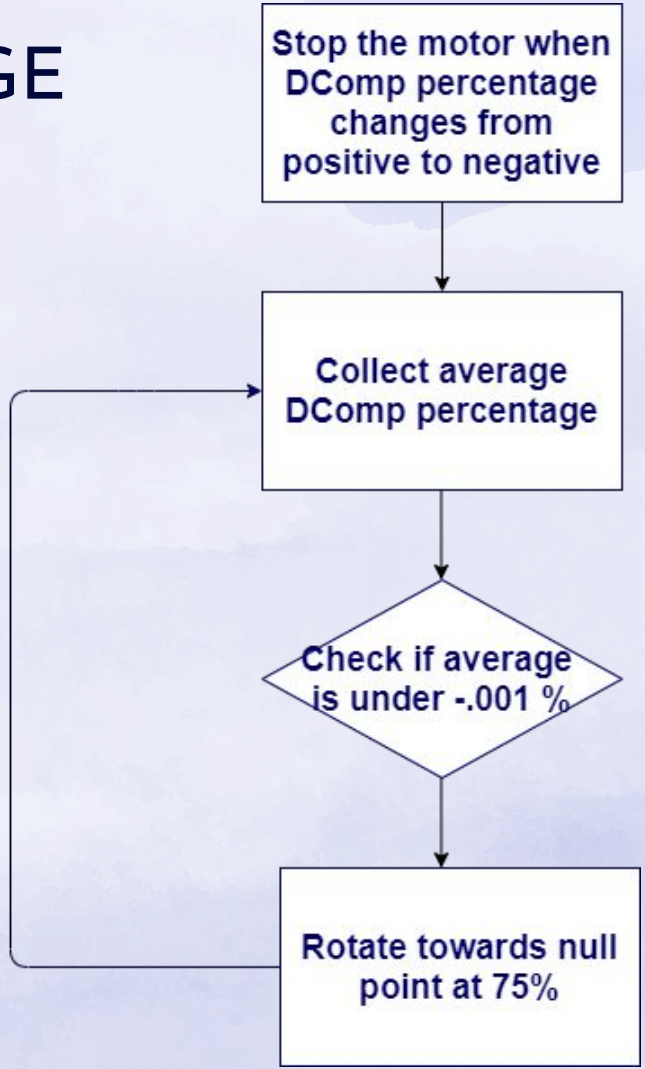


FIND NULL DCOMP PERCENTAGE

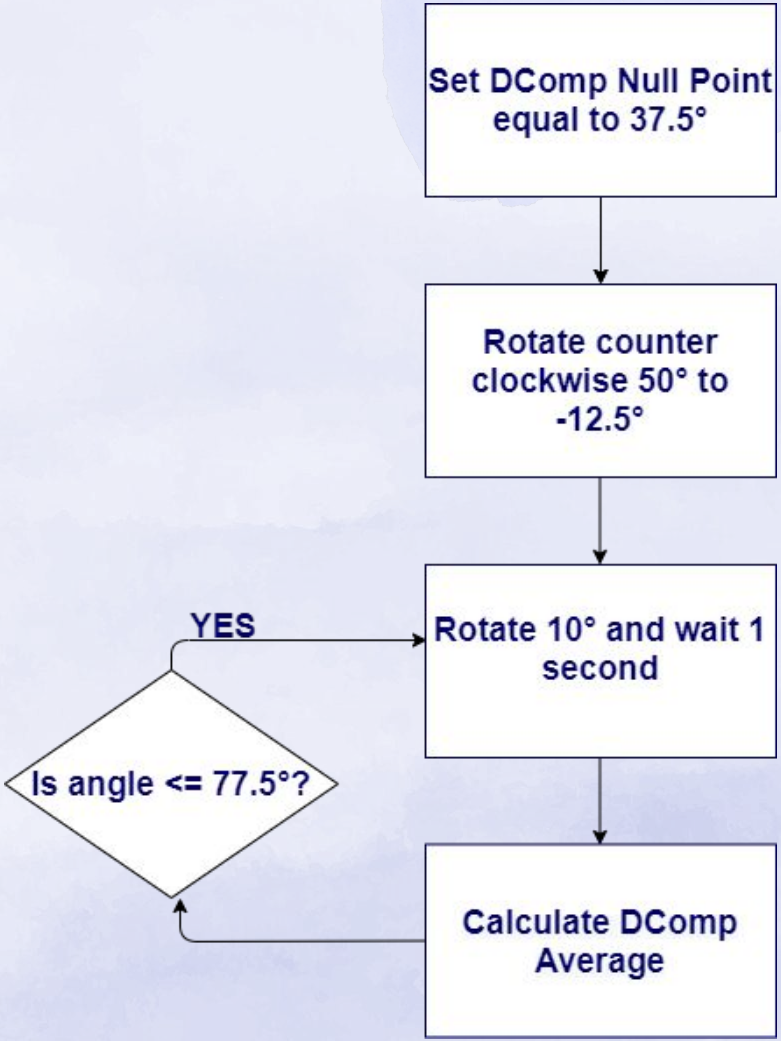
Example Transducer Output:

000b9fbe,000a183a,01a7,9edb

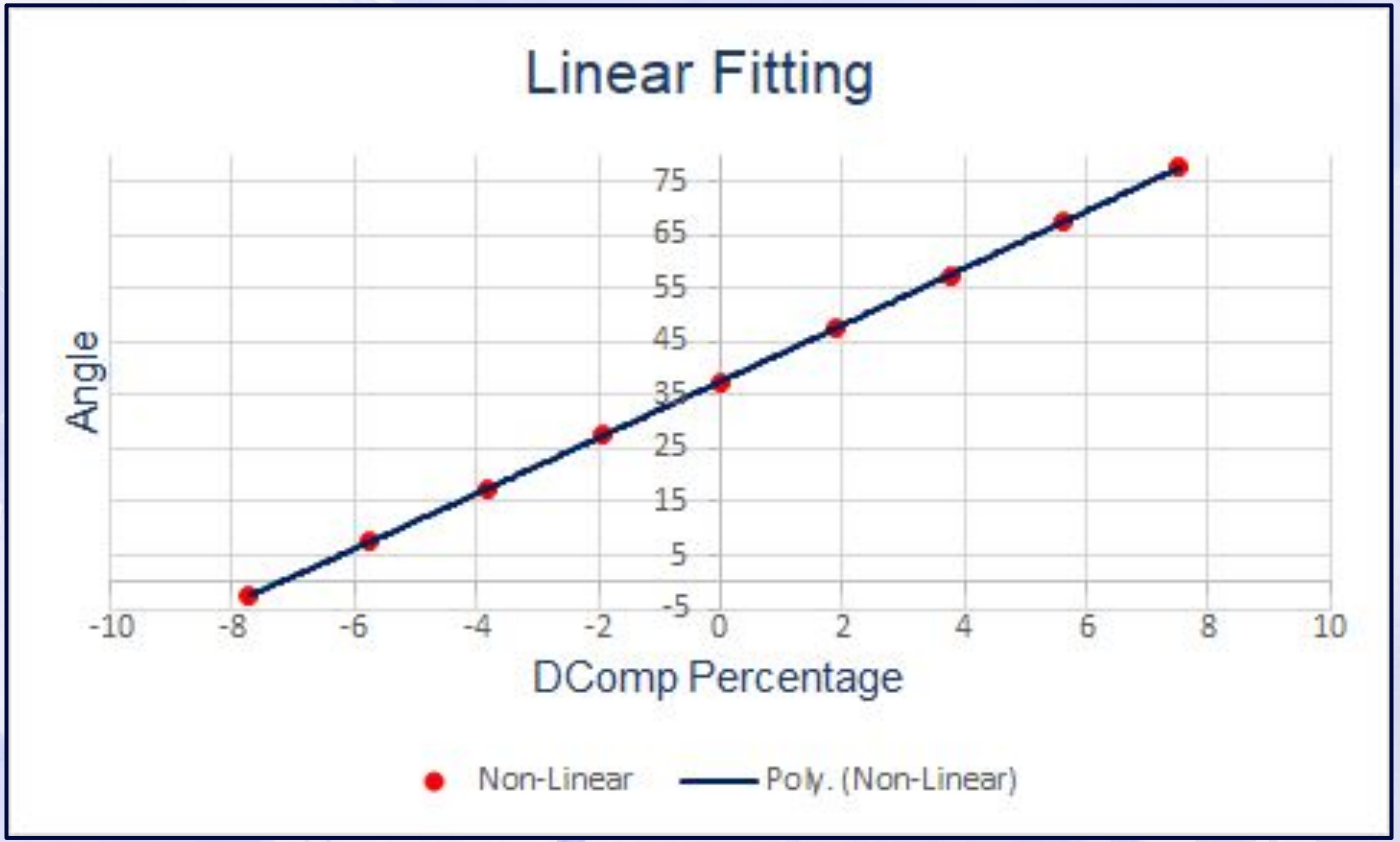




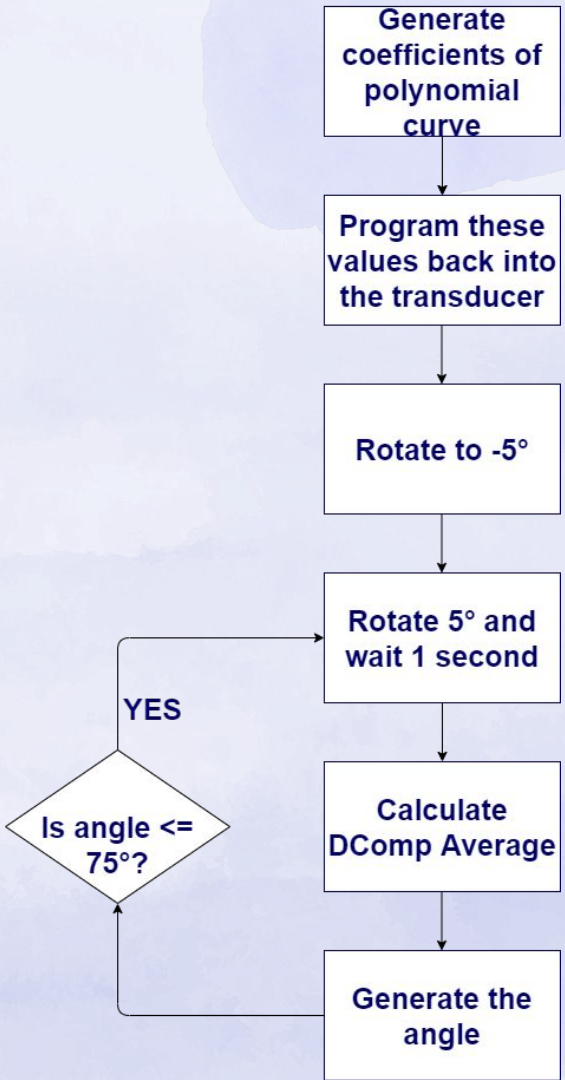
DATA COLLECTION (-2.5° to 77.5°) 10° STEPS FLOWCHART



GENERATING COEFFICIENTS



SECOND DATA COLLECTION (0° to 75°) 5° STEPS FLOWCHART



TEST RESULTS