

Analysis of Stress Intensity Factors for Mode I and Mixed Mode by use of Digital Image Correlation

ME EN 6960

Nik Benko, John Callaway, Nick Dorsett, Martin Raming

March 12, 2018

Abstract

1 Introduction

2 Methods

2.1 Experimental Techniques

2.1.1 Mechanical testing

2.1.2 Digital Image Correlation

2.1.3 Theoretical Calculations

2.2 Procedure

2.3 Error and Uncertainties

3 Results

4 Discussion

5 Conclusion

6 Figures

7 Tables

8 Appendix

8.1 equations

8.2 Code