CUED - Engineering Tripos Part IIA 2020-2021

Module Laboratory Report

Studei name		CRSID:	lz406	Module	number:	3C7	
Feedback to the student □ See also comments in the text			Very good	Good	Needs improvmt		
	Completeness, quantity of content: Has the report covered all aspects of the lab? Has the analysis been carried out thoroughly?					х	
	Correctness, quality of content Is the data correct? Is the analysis of the data correct? Are the conclusions correct?				х		
	Depth of understanding, quality of discussion Does the report show a good technical understanding? Have all the	of understanding, quality of discussion e report show a good technical understanding? Have all the relevant conclusions been drawn?					
E N T	Comments: This reports covers all main aspects of the lab, and the conclusions are supported by quantitative data from the experiments and from the semi-analytical solutions. There lacks a quantitative comparison between the stresses measured by the strain gauges method and the analytical infinite plate solution. A quantitative comparison between the DIC measurements and the analytical/semi-analytical predictions is also missing. Eventually, photo-elasticity could be used to extract quantitative data in this experiment. I have some minor comments on the presentation, as discussed below.						
R I	Attention to detail, typesetting and typographical errors is the report free of typographical errors? Are the figures/tables/ref	erences presented	professionally?			х	
S E N	Comments: The images and plots should all be labeled, so they can be easily referred to in the main text. The plots showing the strains and stresses obtained by DIC have their axes still in pixels: this should be converted to a standard unit – mm for instance. The data shown in the tables page 2 could be presented more clearly on a plot.						
							

Raw report mark	4	/ 5
Penalty for lateness		

The weighting of comments is not intended to be equal, and the relative importance of criteria may vary between modules. A good report should attract 4 marks.

1 mark / week or part week.

Please use allowance forms to inform the teaching office about mitigating circumstances.

Claire Lestringant

10/11/2020

Marker:

Date: