ANALYSIS OF CONVERSION OF SOLAR ENERGY IN NARROW WAVELENGTH REGIMES AS AN ENABLING TECHNOLOGY

A Dissertation
Presented to
The Academic Faculty

By

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In Partial Fulfillment
of the Requirements for the Degree
Doctor of Philosophy in the
School of Physics
Department of Astronomical Studies

Georgia Institute of Technology

Jan 2020

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I’m not super. Any talents I have, I worked for – it seems a long time since I thought of myself as a hero.

Oliver Queen

For my cousin Kara

ACKNOWLEDGMENTS

I would like to thank the members of my thesis committee for their help in preparation of this work – Niles Caulder, without whom I would have been doomed to never complete it, Kimiyo Hoshi, who helped to shed new light on many of my ideas, Pamela Isley, with whom I often disagree but who inspires me to be better, Raymond Palmer, who had no small part to play in the formation of the idea, and Kent Nelson, who always had golden advice.

Special thanks are due to the friends and colleagues who made this work possible. Jimmy Olsen and Pete Ross were invaluable both as friends and as sounding boards for some of my more outlandish ideas. Jack Knight, who I met only briefly, was a major influence, and I'm glad we were able to help each other.

The author gratefully acknowledges the support for this work offered by S.T.A.R. Laboratories under grant award number 3X29YZ4A, and by the Theodore S. Kord Fellowship. Any views and conclusions contained herein are those of the author, and do not necessarily represent the official positions, express or implied, of the funders.

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LIST OF ACRONYMS

STAR Labs Scientific and Technological Advanced Research Laboratories

UV ultraviolet

SUMMARY

There has been much speculation on whether or not efficient conversion of solar light to energy will have a breakthrough which enables high efficiency, low cost, and enabling of other capabilities previously not thought possible, whether through cellular means, semiconductor based, or otherwise. This work aims to answer some of the questions surrounding these matters.