ABSTRACT

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by

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Foreword

Dedication

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List of Abbreviations

AFOSR Air Force Office of Scientific Research

IREAP Institute for Research in Electronics and Applied Physics

NRL Naval Research Laboratory
ONR Office of Naval Research

UMD University of Maryland, College Park

Chapter 1: Introduction

1.1 Source of Nonlinearity in an Optical Fiber

Chapter 2: Stochastic Four-Wave-Mixing

2.1 Overview

Chapter 3: Stochastic Four-Wave-Mixing

3.1 Overview

Appendix A: Previous Experiments

Appendix B: New Experiments