Optimization of broad-area GaAs diode lasers for high powers and high efficiencies in the temperature range 200-220 K
Contents

1 Introduction 1

2 Theoretical background of high power, high efficiency diode lasers 7
  2.1 Basic principles of AlGaAs / InGaAs based diode lasers ................. 7
  2.1.1 Lasing threshold ..................................... 10
  2.1.2 Optical output power .................................. 12
  2.1.3 Electro-optical conversion efficiency .......................... 13
  2.1.4 Waste heat ............................................ 14
  2.1.5 Influence of laser parameters on output power and efficiency .... 15
  2.2 Semiconductor properties at reduced temperatures ....................... 19
    2.2.1 Bulk conductivity at lower temperatures ......................... 20

3 Measurement Setup 23
  3.1 Room temperature measurement setups .................................. 23
    3.1.1 Electro-optical and spectral characterization .................... 24
    3.1.2 Histogram of diode laser bars ................................ 26
    3.1.3 Low temperature prototype setup ................................ 27
  3.2 Low temperature measurement setup: first generation ..................... 29
    3.2.1 Physical setup of low temperature measurement station .......... 29
    3.2.2 Power calibration ....................................... 31
  3.3 Final Cryo-measurement setup ....................................... 33
    3.3.1 Changes to the physical setup ................................ 33
    3.3.2 QCW power calibration by pulse shape analysis ................... 33

4 Benchmark Designs (Iteration 0) 37
  4.1 Performance of established vertical designs ........................... 37
    4.1.1 High power room temperature optimized designs .................. 38
    4.1.2 Performance of thick waveguide Asloc configuration at decreasing
          temperature .............................................. 39
    4.1.3 Performance of Asloc configuration with changing waveguide comp-
          osition at decreasing temperature .............................. 43
    4.1.4 Performance of Edas configuration at decreasing temperature ... 46
    4.1.5 Selection of benchmark designs ................................ 49
  4.2 Low temperature performance of benchmark designs ........................ 50
    4.2.1 Fabrication of high power, high efficiency single emitters and bars . 50
CONTENTS

4.2.2 Design1: Impact of lateral layout and length on performance . . . 51
4.2.3 Design2: Performance up to high currents .......................... 57
4.3 Conclusions from Iteration 0 ........................................... 62

5 Low Al-content Structures (Iteration 1) 65
5.1 Design and Optimization of Low Resistance Structures ............ 66
5.1.1 Options to reduce series resistance .............................. 66
5.1.2 Vertical design of low resistance structures .................... 68
5.1.3 Short pulse measurements of designs with low Al-content in the waveguide ........................................... 71
5.1.4 Low Temperature Length-Dependent Measurements ............ 73
5.1.5 Measurement of Al-content Matrix ............................. 77
5.2 High power operation of low series resistance designs ............ 84
5.2.1 Selection of promising designs ................................. 84
5.2.2 Fabrication of low operation temperature lasers ............... 85
5.2.3 Characterization of single emitters ............................. 87
5.2.4 Characterization of bars ........................................ 93
5.2.5 Estimation of loss mechanisms ................................. 103
5.3 Conclusions from Iteration 1 ........................................ 105

6 Low Al-content, thin waveguide designs (iteration 2) 107
6.1 Al-variation in thin waveguide designs .......................... 108
6.1.1 Vertical design of thin WG structures ........................ 108
6.1.2 Internal parameters at room temperature ..................... 111
6.1.3 Electrical properties and behavior at low temperatures ....... 113
6.2 High power operation of bars and single emitters ................ 117
6.2.1 Fabrication of high power bars and single emitters .......... 117
6.2.2 Comparison of short loop and fully processed diodes .......... 119
6.2.3 Temperature dependent performance of bars and single emitters .... 120
6.2.4 High power performance of bars with thin, asymmetric wave-guide designs ........................................... 123
6.2.5 Estimation of loss mechanisms ................................. 128
6.3 Conclusions from iteration 2 ........................................ 130

7 Summary and Outlook 131

Appendix 135

List of figures 137

List of tables 139

Bibliography 140

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