Contents

Abstract	2
Acknowledgment	3
Contents	4
	_
Portable Image Processing Library	6
1. Introduction	6
1.1 Current Status Overseas	6
1.2 Current Status in Thailand	6
2. Details and Discussion	7
2.1 Technological Status of the Research	7
2.2 Development Problems	12
2.3 Possibilities of the Use of the Library in Industry	12
3. Conclusion	12
3.1 The Impact of the Research Work to Industry	12
3.2 The Impact of the Research Work to Education	13
3.3 Further Development	13
3.4 Budget Summary	14
Appendix A. Function Details	15
Appendix B. The Image Processing Library Application	37
B.1 Step-by-Step of Application Development	37
B.2 Sample Application Programs	38
B.2.1 Change Detector	38
B.2.2 Size-Sorter for Shrimp Processing	43

47

References

50