

Daftar Isi

Lembar Judul.....	i
Lembar Pernyataan.....	ii
Lembar Pengesahan	iii
Abstrak	iv
Abstract	v
Lembar Persembahan	vi
Kata Pengantar	vii
Daftar Isi.....	viii
Daftar Gambar.....	x
Daftar Tabel	xii
Daftar Istilah.....	xiii
BAB I PENDAHULUAN.....	1
1.1. Latar Belakang.....	1
1.2. Perumusan Masalah.....	1
1.3. Tujuan.....	2
1.4. Batasan Masalah.....	2
1.6. Metodologi Penyelesaian Masalah	2
BAB II TINJAUAN PUSTAKA.....	4
2.1. Penelitian Terdahulu.....	4
2.1.1 <i>A New Approach to Optimization of the CVRP through Genetic Algorithms [9]</i>	4
2.1.2 <i>Fuzzy Vehicle Routing Problem with Uncertainty in Service Time [12]</i>	4
2.1.3 <i>Multi-Objective Fuzzy Vehicle Routing Problem: A Case Study [13]</i> ...	4
2.1.4 <i>Genetic Algorithm Approach for Capacitated Vehicle Routing Problem with Fuzzy Demand [3]</i>	4
2.1.5 <i>Vehicle Routing with Traffic Congestion and Drivers' Driving and Working Rules [8]</i>	5
2.2. <i>Vehicle Routing Problem</i>	5
2.3. <i>Capacitated Vehicle Routing Problem</i>	6
2.4. <i>Genetic Algorithm</i>	6
2.5. <i>Kepadatan Lalu-Lintas</i>	10

2.6. <i>Greenshield's model</i>	10
BAB III PERANCANGAN SISTEM	11
3.1. Perancangan dan Pengolahan Dataset	11
3.2. Perancangan Operator Evolusi	12
3.3. Alur Kerja Sistem	15
3.4. Perhitungan Tingkat Keoptimalan.....	16
BAB IV IMPLEMENTASI DAN ANALISIS PENGUJIAN	17
4.1. Spesifikasi Masalah	17
4.2. Antar Muka Sistem.....	17
4.3. Rancangan Pengujian	18
4.3.1. Tujuan Pengujian	18
4.3.2. Parameter Pengujian.....	18
4.3.3. <i>Setting</i> Nilai Paramater	19
4.3.4. Skenario Pengujian.....	19
4.4. Hasil Pengujian.....	21
4.4.1. Hasil pengujian dataset p13	22
4.4.2. Hasil pengujian dataset p14	24
4.4.3. Hasil terbaik	26
4.5. Analisis Hasil Pengujian.....	26
BAB V PENUTUP	30
5.1. Simpulan.....	30
5.2. Saran.....	30
Daftar Pustaka	31
Lampiran	32