

DAFTAR ISI

HALAMAN PENGESAHAN	iii
PERNYATAAN	iv
KATA PENGANTAR	v
DAFTAR ISI.....	vii
DAFTAR GAMBAR	ix
INTISARI	xii
ABSTRACT.....	xiii
BAB I.....	1
1.1 Latar Belakang	1
1.2 Rumusan Masalah	3
1.3 Batasan Masalah.....	3
1.4 Tujuan Penelitian.....	3
1.5 Manfaat Penelitian.....	3
1.6 Metode Penelitian.....	4
1.7 Sistematika Penulisan.....	5
BAB II.....	7
BAB III	10
3.1 <i>Image</i>	10
3.2 <i>Image Quadrilateral</i>	10
3.3 <i>Image Processing</i>	10
3.3 <i>Computer Vision</i>	11
3.4 <i>Edge</i>	12
3.5 <i>Edge Detection</i>	12
3.6 <i>Hough Transformation</i>	13
3.7 Algoritma Douglas-Peucker	15
3.8 <i>Perspective</i>	16
3.9 <i>Perspective Projection</i>	16

3.10	<i>Perspective Transformation</i>	16
3.11	<i>Homogeneous Matrix</i>	17
3.12	<i>OpenCV Library</i>	17
BAB IV		18
4.1	Domain Masalah	18
4.2	Gambaran Umum Program	18
4.2.1	<i>Edge Detection</i>	20
4.2.2	<i>Corner detection</i>	21
4.2.3	Mencari nilai transformasi matrik.....	28
4.2.4	Image transformation	30
4.3	Rancangan Pengujian	32
BAB V		33
5.1	Implementasi <i>Edge Detection</i>	34
5.2	Corner Detection	38
5.3	Image Transformation	41
BAB VI		44
6.1	<i>Input Document Image</i>	44
6.2	Proses <i>Edge Detection</i>	45
6.3	Proses <i>Corner Detection</i>	48
6.4	Proses <i>Image Transformation</i>	50
6.5	Pengujian <i>Running time</i> dan <i>low confidence character</i>	52
BAB VII		56
5.1	Kesimpulan.....	56
5.2	Saran.....	56
DAFTAR PUSTAKA		57
LAMPIRAN		59