
Basic Eye Tracking

SIGB Assignment 1

by
Morten Roed Frederiksen (mrof@itu.dk),
Sigurt Dinesen (sidi@itu.dk),
Christoffer Stougaard Pedersen (cstp@itu.dk)

IT-University of Copenhagen
SIGB, F2013
Dan Witzner Hansen & Diako Mardanbeigi
March 23, 2013

Contents

1	Introduction	2
2	Pupil detection	2
2.1	Overall rationale and theory	2
2.2	Theory behind thresholding	2
2.3	Theory behind Clustering	2
2.4	K-means	2

1 Introduction

2 Pupil detection

2.1 Overall rationale and theory

2.2 Theory behind thresholding

2.3 Theory behind Clustering

2.4 K-means