Summary for Nonlinear Optimization

Linlin Ge

1 Introduction

Table 1: Optimization Method

方法分类	
Local Deterministic	gradient descent and derivative
	Newton, Gaussian-newton, LM
	Quasi-Newton
	Expectation Maximization
Global Deterministic	Branch and Bound & Tree Search
	Graduated Assignment
	Mean Field Annealing
	Game Theoretical Framework
	Spectral Method
Stochastic	Genetic Algorithm & Simulated Annealing
	Particle Filtering
	Hough Transform
	RANSAC
	Belief Propagation
Constrained Search	Prune and Search
	Geometric Hashing
	Embedding Techniques

References