1 Outline

1. Introduction

2. Background

   Image Fusion

   Total Variation

   Lie Groups

   Noether Theorem

      Kepler's problem

3. Prior based on structure Tensor

   Total Variantion

      Invariance of Mean Curvature

4. Multimodal (?) Optical Flow

   Gaussian registration likelyhood

   Structure Tensor based Prior Model

   TV-based prior Model

5. Results

   Structure Tensor based Prior Model

   TV-based prior Model

6. Conclusions

Topic/Chapter	time/data	progress (in ticks)	comments	
1 intro				
2 background				
2 BackgroundImFusion				
2 BackGroundTV				
2 BackGroundLie				
2 BackgroundNoether				
2 BackGroundNoetherKepler				
3 MainSTPrior				
4 OpticalFlow				
4 OptFlowLikelihood				
4 OptFlowSTPrior				
4 OptFlowTV				

Topic/Chapter	time/data	progress (in ticks)	comments	
5 Results				
5 ResSTModel				
5 ResTVModel				