





























o Drawbacks of local features

Local description: possible ambiguities



Ex: 100 000 images described by 500 points whose descriptors are 128-dimensional
 → 50 000 000 of points in a 128-dimensional feature space

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 Curse of Dimensionality: requires the use of multidimensional index structures to perform NN search efficiently

































































Dynamical behavior of interest points Evaluation			
 Evaluation #3: comparison with state of the art European NoE Muscle (2004-2007) 3 hours of video / Mixed transformations 			
	Technique	Average precision	
	ViCopT	0.86	
	AJ_SpatioTemp	0.79	
	AJ_Temp	0.68	
	Temporal Ordinal Meas.	0.65	
	STIP	0.55	
	Temporal	0.51	
2	Ordinal Meas.	0.36	
	Color histograms	0.24	

