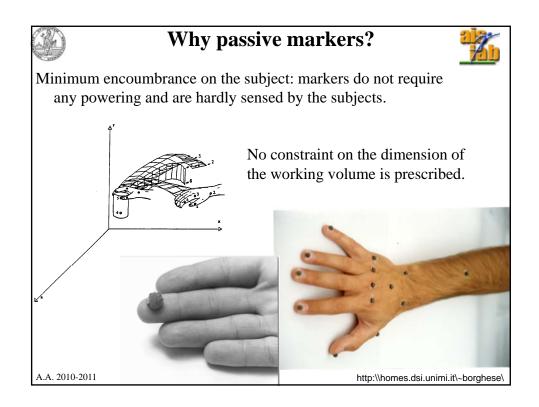
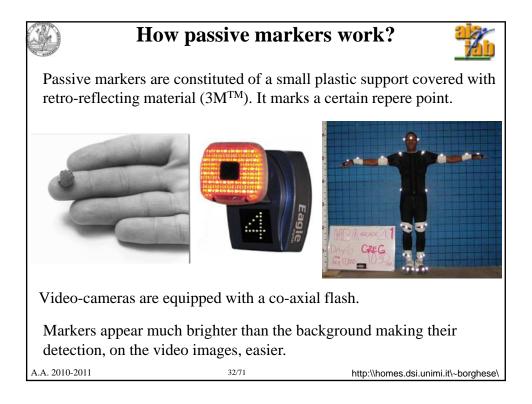
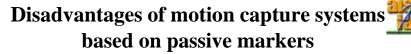


	Markerless optical motion ca	pture 🌋	
	www.organicmotion.com		
•Clustering and labeling of each image with a probabilistic framework. •Addition of temporal and spatial constraints.			
	• Cost and complexity		
A.A. 201	10-2011 30/71 http://	\homes.dsi.unimi.it\~borghese\	





Ð	Sequential processing	ng			
1.	Surveying the image of the moving subject of multiple cameras (<i>frequency & set-up</i>).	Low-level			
2.	Markers extraction from the background scene (accuracy & reliability).Low I Vision				
3.	Computation of the "real" 2D position of the (accuracy <- distortion).				
4.	Matching on multiple cameras.	High-level Vision			
5.	3D Reconstruction (accuracy).				
6.	Model fitting (labelling, classification).				
An implicit step is CALIBRATION.					
A.A. 201	0-2011 33/71	http://homes.dsi	.unimi.it\~borghese\		



When a marker is hidden to the cameras by another body part (e.g. the arm which swings over the hip during gait), the motion capture looses track of it.

The multiple set of 2D data have to be correctly labaled and associated to their corresponding 3D markers.

