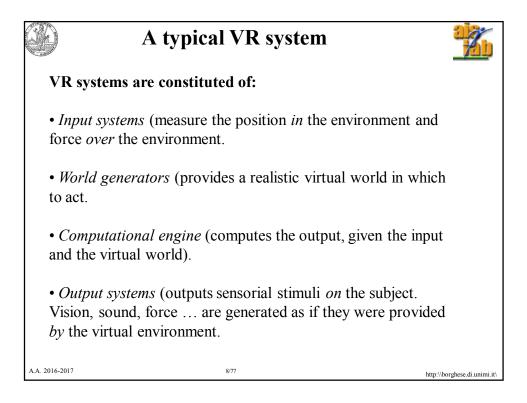
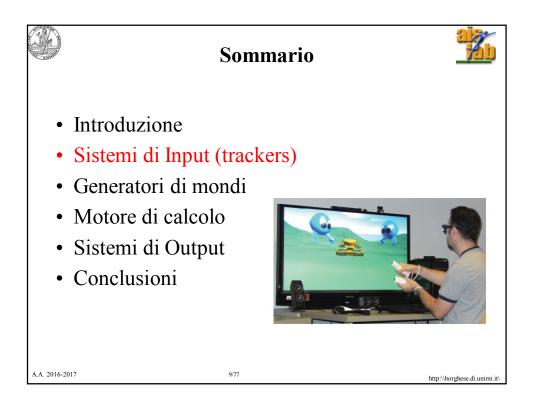
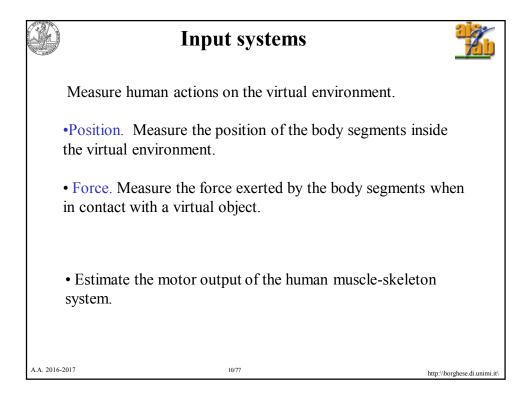
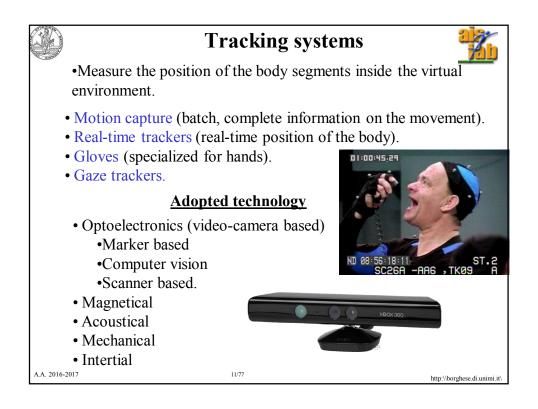


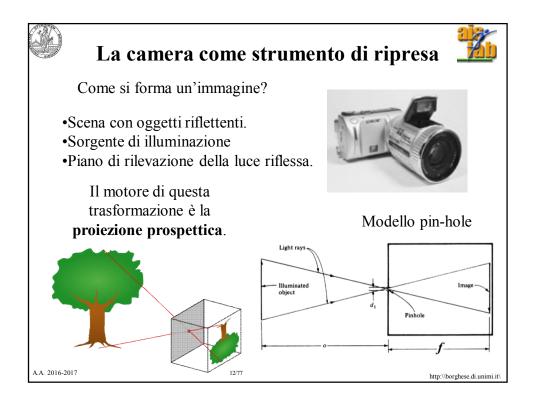
	Virtual Reality Syst	tems 🌇		
Imn	cteristics are: nersivity. practivity.			
VR should In a coordii	be able to stimulate the hum nated way.	an sensorial systems		
VR output should be able to saturate our sensor systems, congruently.				
A.A. 2016-2017	דרור	http://borghese.di.unimi.it/		

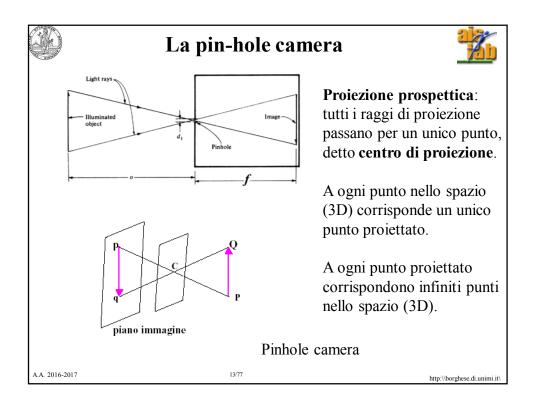


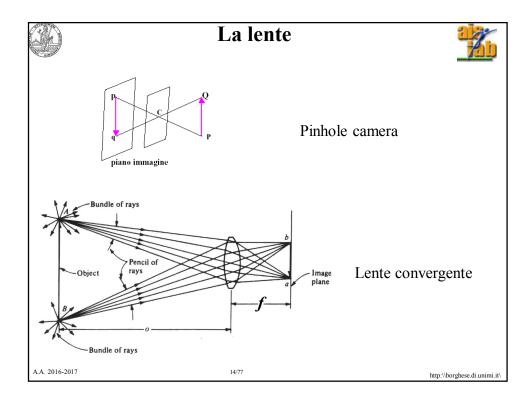


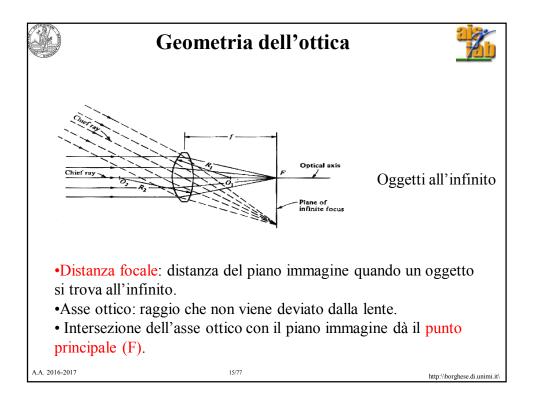


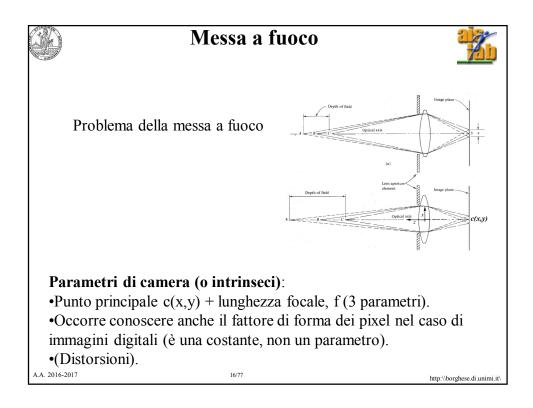


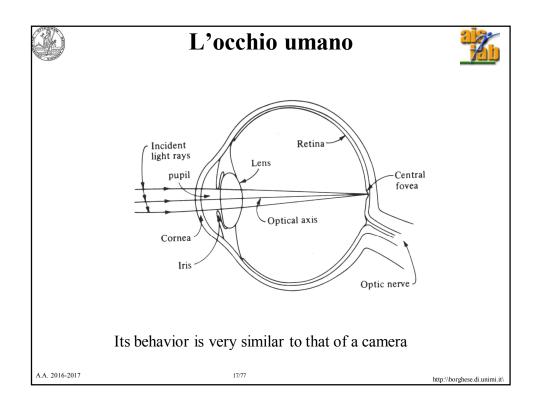


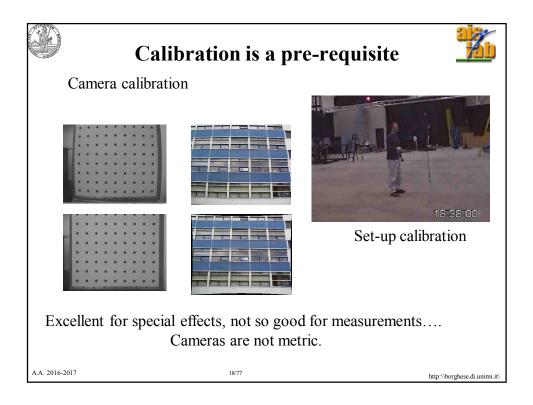


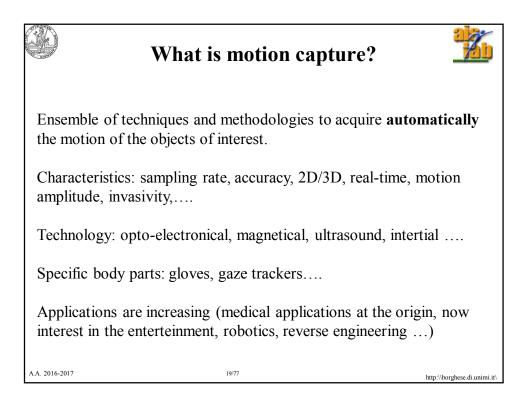


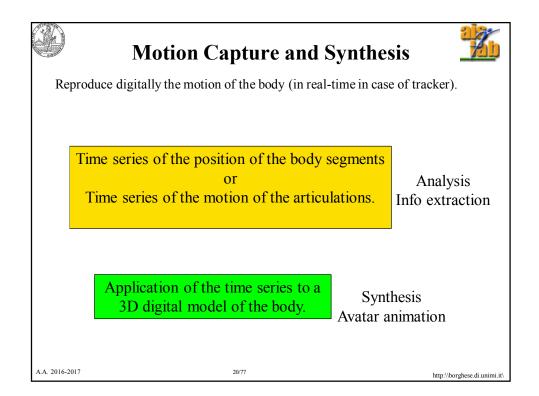


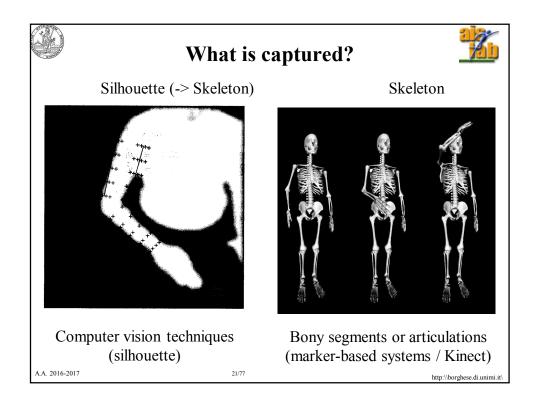


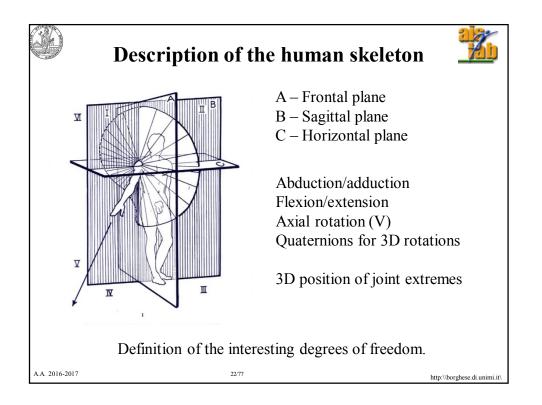


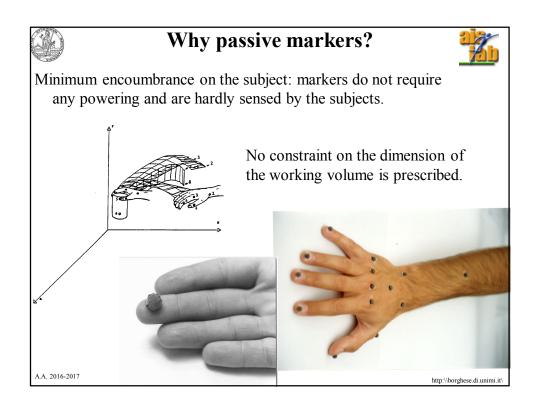


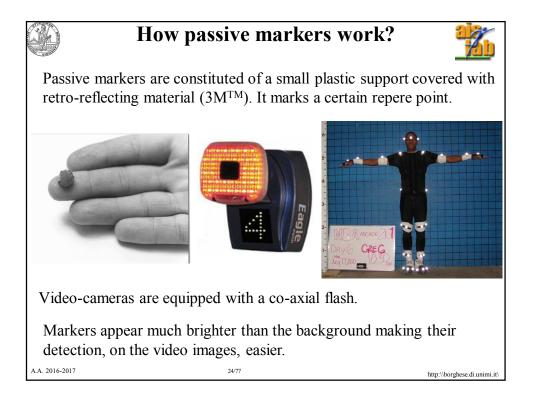


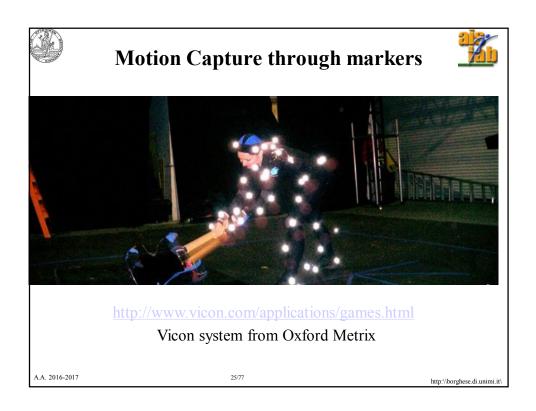


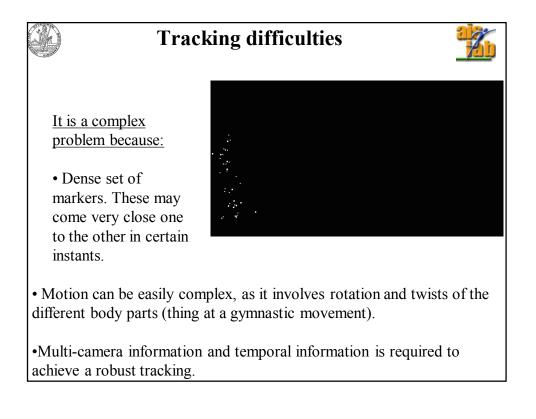


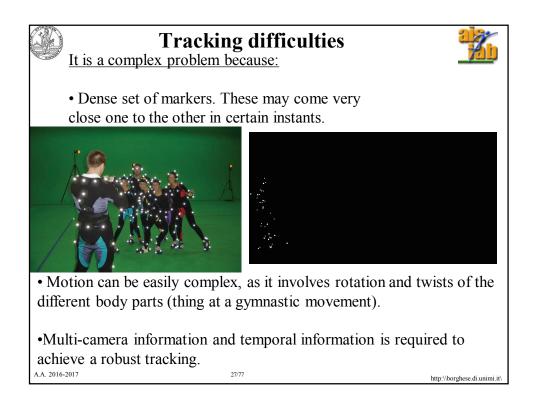












	Sequential processi			
1.	Surveying the image of the moving subject multiple cameras (<i>frequency & set-up</i>).	Low-level Vision		
2.	Markers extraction from the background sce (accuracy & reliability).			
3.	Computation of the "real" 2D position of th (<i>accuracy</i> <- <i>distortion</i>).			
4.	Matching on multiple cameras.	High-level		
5.	3D Reconstruction (<i>accuracy</i>).	Vision		
6.	Model fitting (labelling, classification).	Semantic		
4 m ÷	mulicit ston is CALIDRATION			
	An implicit step is CALIBRATION.			



Disadvantages of motion capture systems based on passive markers



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.

