





















3D Computer Vision	
and Video Computing	6. Camera Calibration
 Calibration: Find the i Problem and assumpt Direct parameter estin Projection matrix appr 	intrinsic and extrinsic parameters tions mation approach roach
 Direct Parameter Esti Basic equations (from Estimating the Image SVD (Singular Value Focal length, Aspect re Discussion: Why not 	timation Approach • Lecture 5) center using vanishing points- Orthocenter Theorem • Decomposition) and Homogeneous System ratio, and extrinsic parameters t do all the parameters together?
 Projection Matrix App Estimating the projection Computing the camera Discussion 	D roach tion matrix M ra parameters from M
 Comparison and Sun 	nmary







