

3D Object Recognition

Part I – 3D shapes

Chapter 2

Evaluation of 3D
feature detectors

DoG

Chapter 3

3D constellation model
from unknown poses

VFAST

Part II – Human action analysis

Chapter 4

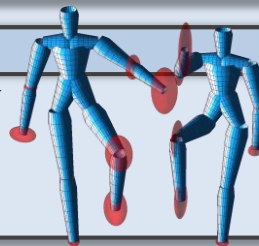
Human action
classification



Action
classification

Chapter 5

3D human body
pose estimation



Pose estimation
(body)

Chapter 6

3D hand pose
estimation



Pose estimation
(hand)