

# An Additive Latent Feature Model for Transparent Object Recognition

Mario Fritz  
UC Berkeley

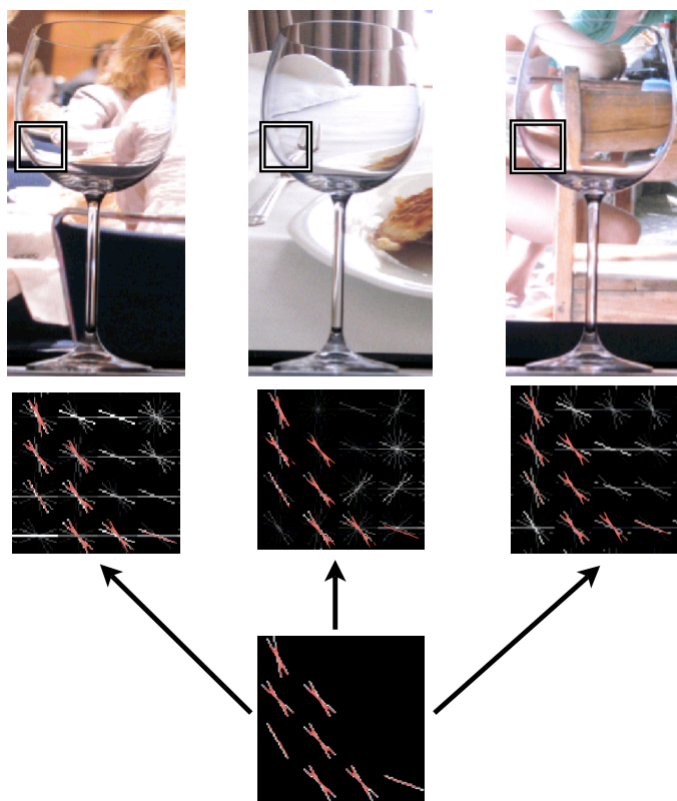
Michael Black  
Brown University

Gary Bradski  
Willow Garage

Sergey Karayev  
UC Berkeley

Trevor Darrell  
UC Berkeley

Detection of transparent objects like glasses is of great interest for domestic robot applications, but has received little attention – particularly in uncontrolled settings.



We show how to form a representation suitable for those kind of objects by discovering latent substructures in local features (left)

We detect glasses in a domestic environment under realistic conditions (right)

