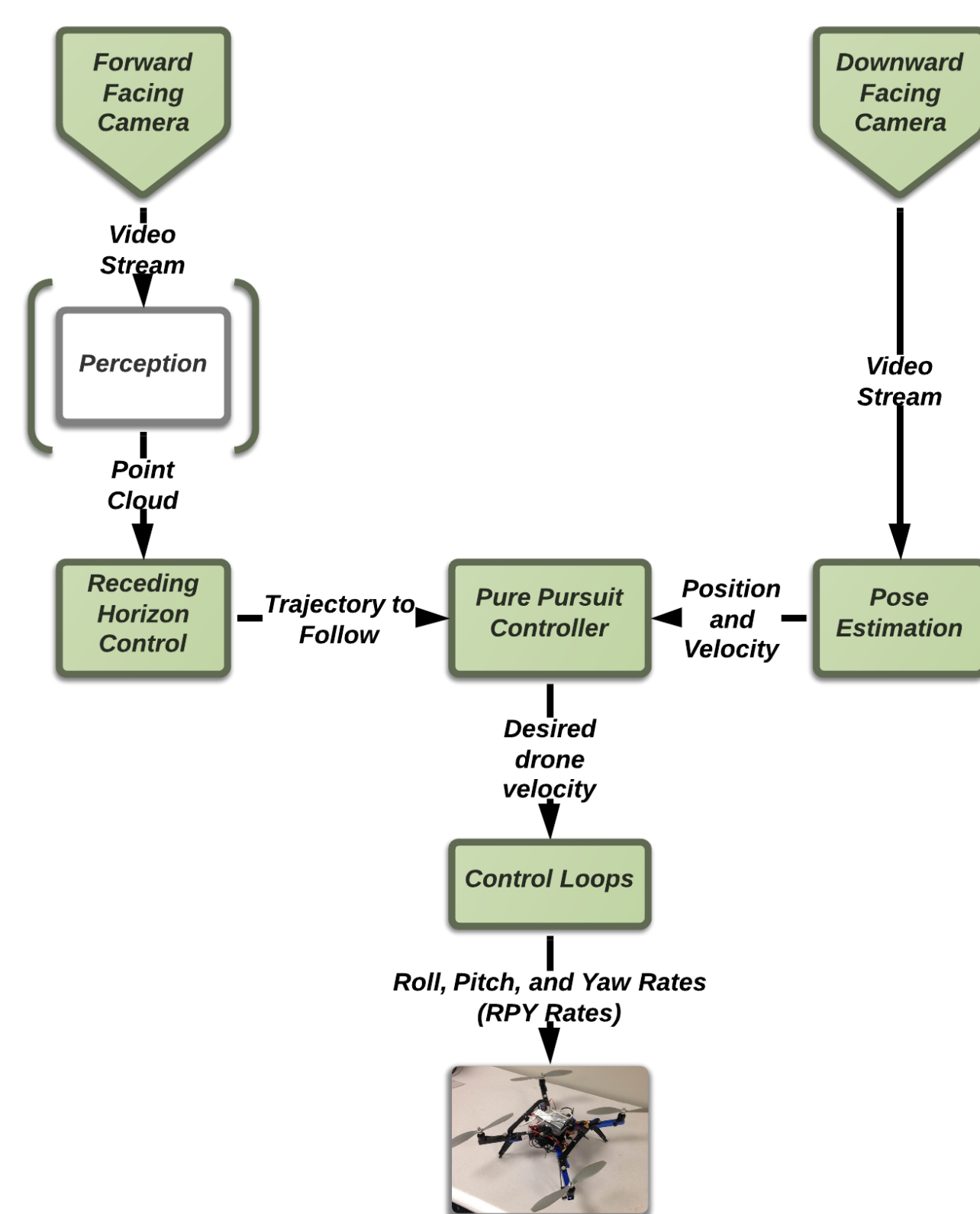
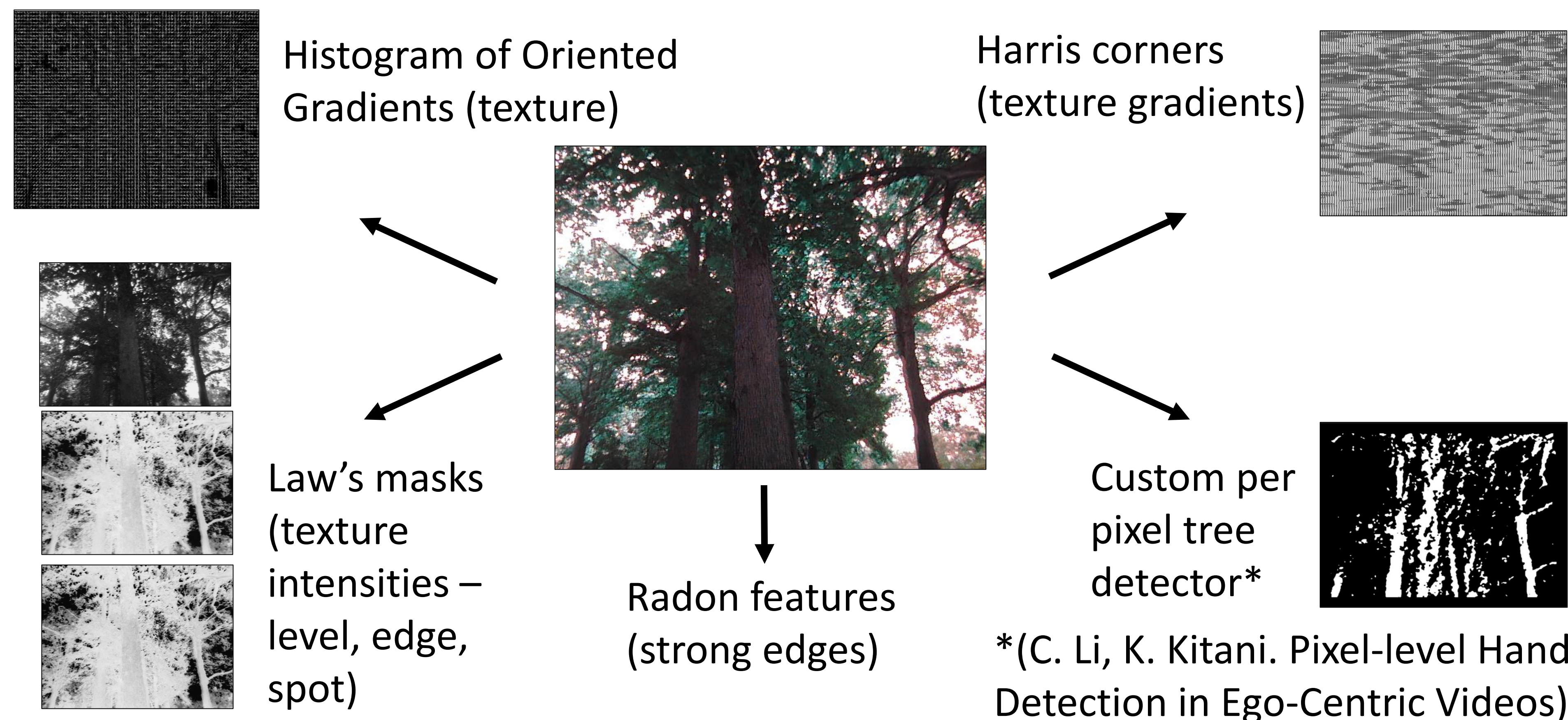


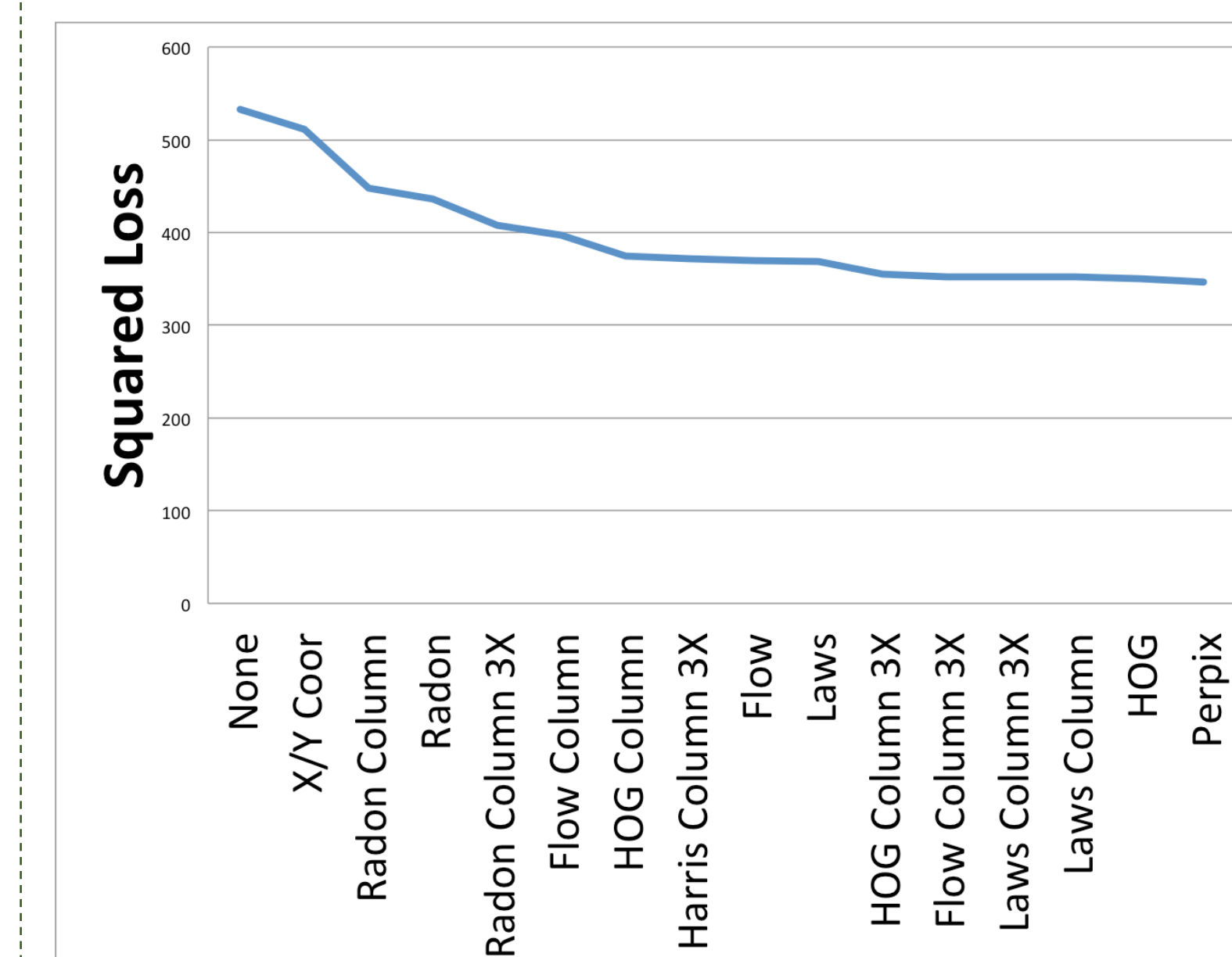
## Motivation



## Monocular Features for Depth Prediction



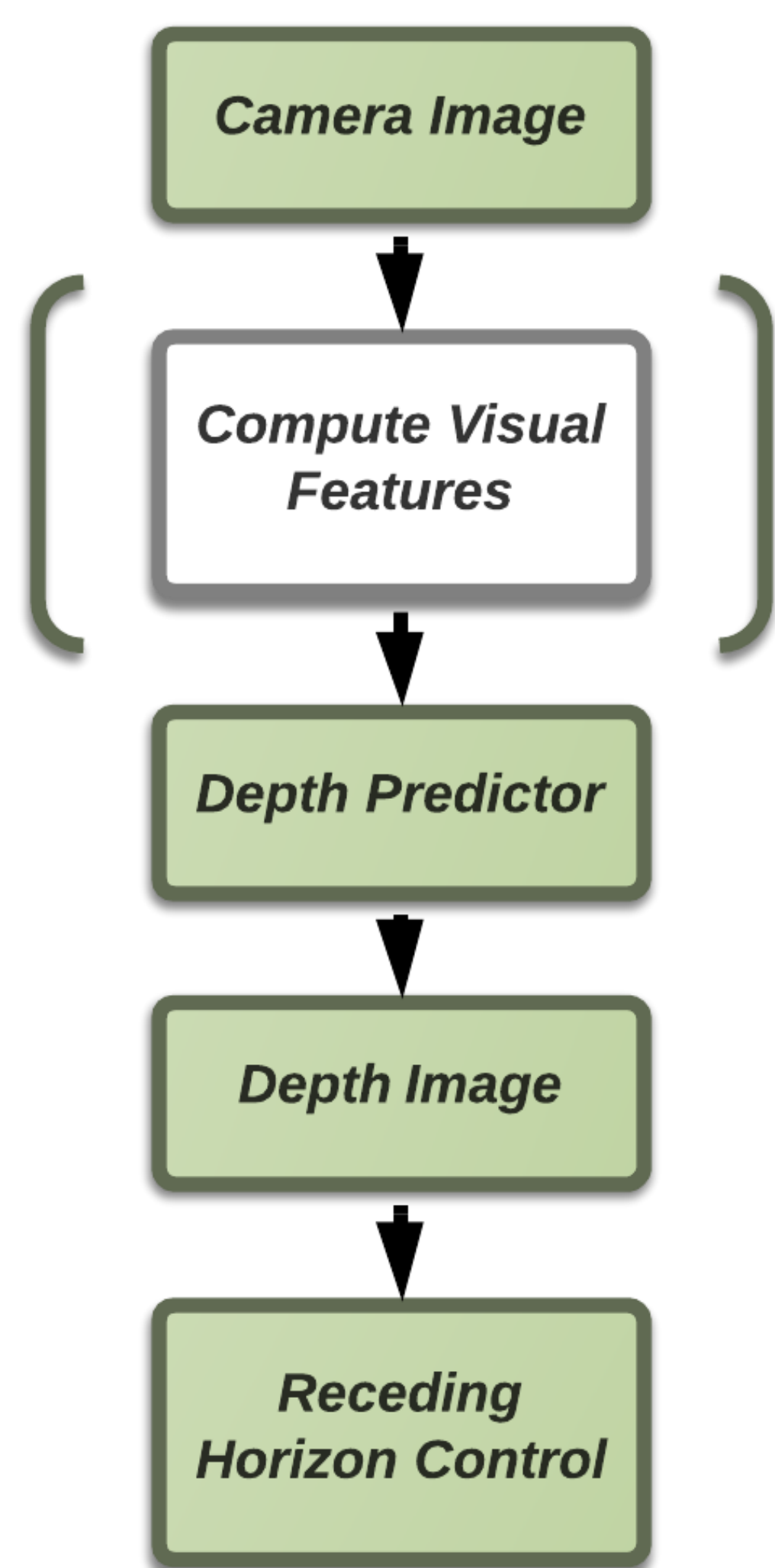
## Feature Selection Using SpeedBoost\*\*



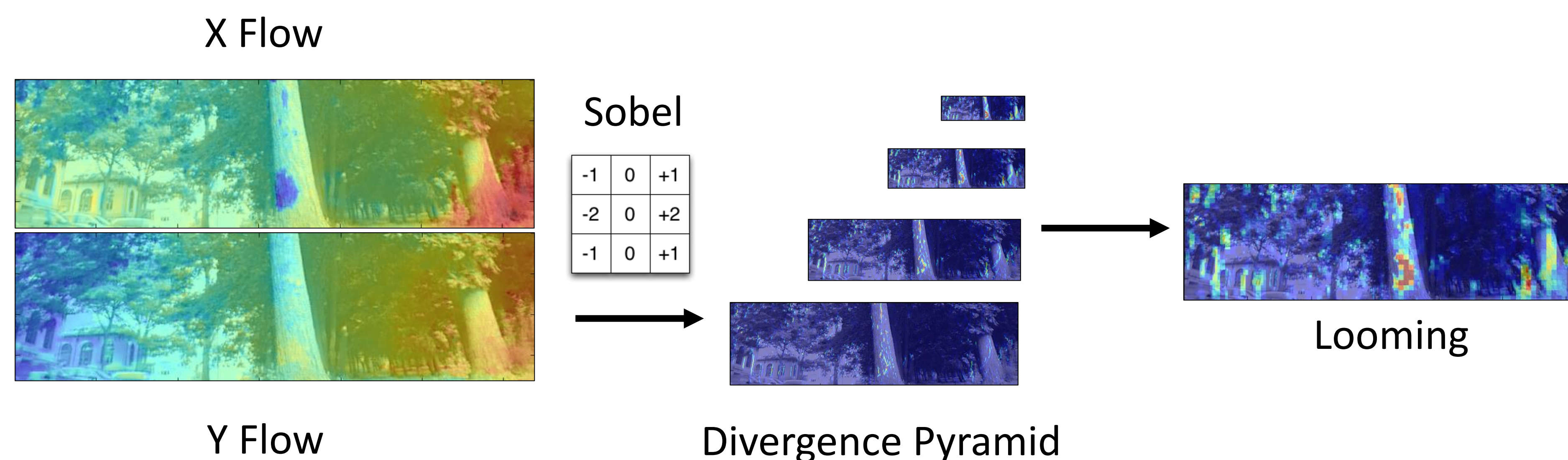
- Each feature has a non-trivial computational cost
- Given a total computational budget, what is the correct set of features to use?

\*\* (A. Grubb. Anytime Prediction: Efficient Ensemble Methods for Any Computational Budget, 2014)

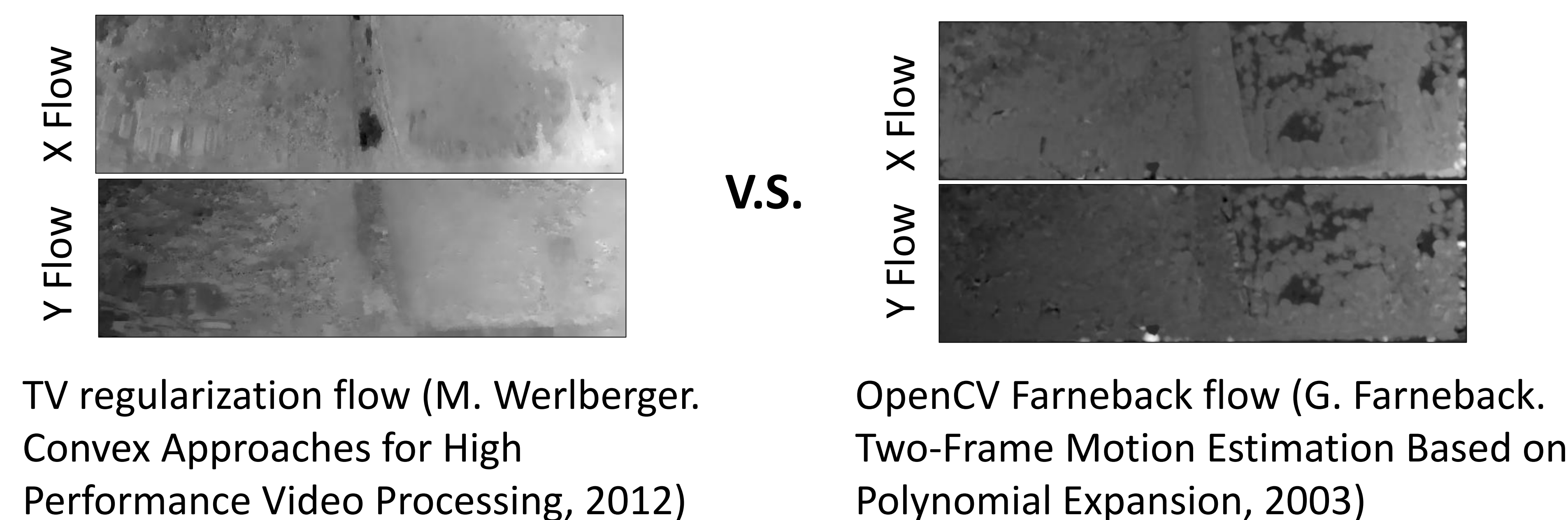
## Perception Pipeline



## Optical Flow and Looming



## High Fidelity Optical Flow



## Preliminary Results

