



Project Overview

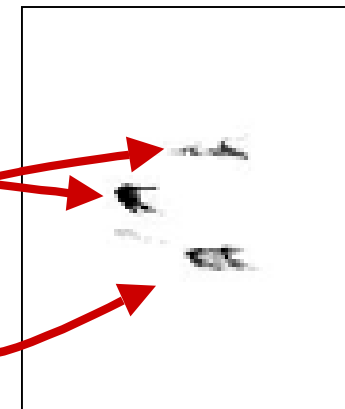
- Range can be insensitive to fast illumination change
- Compare range values to background
- Project into 2D overhead view



Range



Foreground

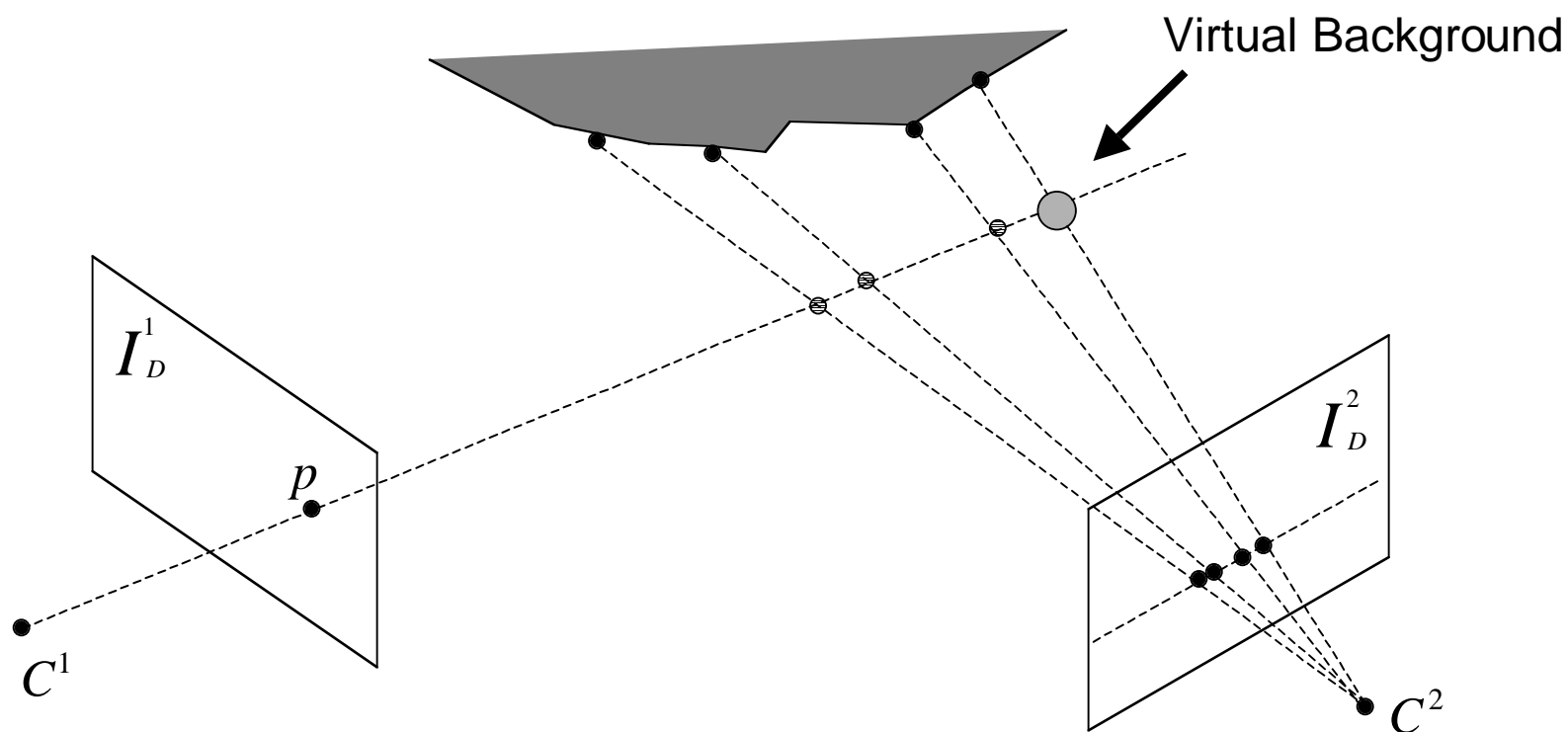


Plan view

Intensity



Progress Through December 2001



Infer virtual background values from other range views

MIT2000-05: A Multi-Cue Vision Person Tracking Module

Trevor Darrell and Eric Grimson



Research Plan for the Next Six Months

- Integrate face detection into tracking system
- Install version at NTT
- Merge with NTT recognition algorithms
- Detect and interpret activity patterns