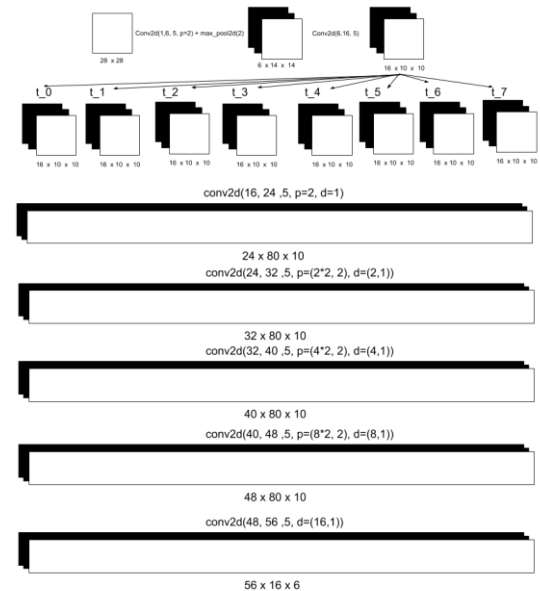


Attention Neural Networks for Pan-Tilt-Zoom Control with Active Hand-Off

Tyler Highlander and John Gallagher

Department of Computer Science, Wright State University, USA

- Neural network and deep learning methods are increasingly applied to attention based steering of cameras and other sensor arrays resident on robots.
- A hand-off of focus of attention requires that one robot communicate to other robots system state information.
- In this paper, we will propose a method for cleanly transferring focus of attention across physically disjoint deep network based motion trackers



The Attention Neural Network (C-DATM) that controls pan-tilt-zoom cameras and has active hand-off capabilities