OBSERVATIONS & EXTENSIONS

1. Adaptive background modeling gives big arrays ($\sigma$ and kernel samples per pixel): 100+ Mb history for 50 observations
2. Rapid illumination changes, eg. lights on, a problem
3. Image compression introduces noise: eg. JPEG artifacts
4. Extension: suppress moving groups (eg. moving tree branches)
5. Extension: foreground statistical models

SUMMARY

Techniques good for:
1. Change detection by modelling the background statistically
2. Kalman filtering - tracking & hypothesis noise reduction
3. Condensation tracking - multiple undecided hypotheses, situation