

# Automatic masking of bright stars and asteroid tracks in the CFHTLS-Wide CARS data

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- **For catalogues:** Automatically create ds9 polygonal regions for:
  - Bright stars with diffraction spikes (mag-dependent, GSC2/USNO as reference)
  - Haloes of very bright stars
  - Asteroid tracks (split into detections with aligned positions and ellipticities)
  - Regions with strong gradients in the object number density
- Visual inspection and minor corrections are still required
- Does anything similar exist already within Astro-WISE?
- If not: Inclusion would require generalisations + a wrapper
- VST alt-az: mask diffraction spikes on **image** level?

