



2MASS

ANCHORS is a web based archive of all the point sources observed during Chandra observations of regions of star formation. It is designed to aid both the X-ray astronomer with a desire to compare X-ray datasets and the star formation astronomer wishing to compare stars across the spectrum. For some 50 Chandra fields, yielding 10,000+ sources, the database contains X-ray source properties including posiunased and us an formation another within the comparts stars across use spectrum. For some 30 channels for the properties including post-tion, net count rates, flux, hardness ratios, lightcurve starstistics and plots. Spectra are fit using several models, with final parameters and plots recorded in the archive. Multi-wavelength images and data are cross-linked to other archives such as 2MASS and SIMBAD. Many of the observations are of southern clusters and have no contemporary optical photometry. We are using time on the SMARTS telescopes to fill this void and will make the data available through the ANCHORS HTML/XML interface. The Chandra and SMARTS data are processed and compiled by separate automated pipelines. The pipelines ensure consistent analysis techniques for direct comparisons among clusters. We report on current status and availability to the community and prospects for expansion.

CHANDRA

The Chandra X-ray Observatory was launched in July 1999 and has performed reliably since. Typical nuances and judgement calls in data analysis lead to many difficulties in comparing published data from different observers or from different observation dates. The data reduction and analysis software itself changes over time which can affect the final results even on the same dataset. In most cases different spectral models, parameter settings, and classification cri-teria will be applied based on the observer's preferences and familiarity. The goal of our catalog is to provide a uniform (not necessarily optimal) data-base for the comparison of data from different stellar clusters. This type of catalog provides added science return as well as convenient observatory health and performance metrics. The catalog will make it possible to treat science quantities in similar ways to how databased spacecraft temperatures and voltages are treated for monitoring and trending. The full benefit of ANCHORS will be realized in sorting and searching on any property (temperature, absorption, age, mass ...) across numerous stellar clusters.

