Hinode-3: 3rd Hinode Science Meeting
Hitotsubashi Memorial Hall, Tokyo
1–4 December, 2009

Experimental flat-field for correction of XRT contamination spots

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Abstract. Beginning in mid-2007, the XRT images are marred by dark spots due to beads of congealed contaminant. While programs are available for improving the cosmetic appearance of the images, no method has yet been demonstrated for a quantitative correction. We have employed a flatfielding method developed for MSU's MOSES sounding rocket payload, in an attempt to restore capabilities for quantitative photometry in the affected pixels. Initial results are encouraging; characterization of the uncertainties in the photometric correction are ongoing. We will report on the degree to which this flatfielding attempt has been successful.