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## WD-XRS Imaging with Polycapillary Optics

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A projection type XRF imaging has been studied. We have developed WD-XRF imaging spectrometer using WDS spectrometer, a straight polycapillary optics, and x-ray CCD camera. The advantage of WD-XRS is a high energy-resolution, approximately 40 eV. The problem of the present polycapillary optics will be discussed regarding spatial resolution. Similarly to WD-XRF imaging, XRD imaging spectrometer was developed in the laboratory. This technique will give us chemical imaging. The preliminary result will be shown.

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