

OPTICAL REVERBERATION MAPPING OF THE Fe II LINES IN NGC 4051

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Here we investigate the response time of the FeII lines and optical continuum in the low luminosity Seyfert 1 galaxy NGC 4051. We analyze light curves of continuum and FeII flux variation that we measured from publicly available spectra of the International AGN Watch monitoring campaign. Our preliminary results show that FeII flux is correlated with the optical continuum flux. The results imply that the FeII emission region is located somewhere between the radius corresponding to the H β lag and the outskirts of the broad line region (BLR).