

Emission-Line Diagnostics for Galaxies

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Abstract. I will give an overview of the emission-line diagnostics used for star-forming galaxies. I will review the UV, optical, and IR diagnostics that can be used to yield information about the ISM conditions, star-formation properties, and power sources in GRB hosts, both globally, and with spatially-resolved data. I will discuss wide integral field spectroscopy and AO-led integral field spectroscopy on current and future telescopes, focusing on the insights to be gained on the properties of GRB sites.
