FIMS Observations of Hot Interstellar Medium

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We present far-ultraviolet spectral observations of highly ionized interstellar medium including supernova remnants and soft X-ray shadows, observed with FIMS (Far ultraviolet IMaging Spectrograph; also known as SPEAR) onboard the first Korean scientific satellite, STSAT-1. The emission lines observed with FIMS include C IV, He II, C III, O III], O IV, Si IV and O VI. The emission lines arise in thermally heated or shocked gases and in conductive interfaces. The global spectral images of two supernova remnants, Cygnus Loop and Vela supernova remnants, are presented.