A Simulation of The NGST Deep Field

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We present a simulated deep observation of a blank field by the Next Generation Space Telescope (NGST). The simulation shows that the NGST will be able to detect about 10^4 objects at very high redshifts ($z > 5$) in a single field with a long exposure time (10 hours) per broadband filter. Precise redshifts of such objects could be obtained using low resolution spectroscopy for objects with $K_{AB} < 28$-29 or $z \lesssim 15$.