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OBSERVATIONS OF HIGH REDSHIFT AGNs AND THEIR IMPACT ON COSMOLOGY

By Hüsne DERELI

LAP Lambert Acad. Publ. Jul 2011, 2011. Taschenbuch. Book Condition: Neu. 220x150x5 mm. This item is printed on demand - Print on Demand Neuware - Active Galactic Nucleus (AGN) is the very small central region of an active galaxy, showing intense emissions in the high energy portions of the electromagnetic spectrum. Active galaxies also have special structural features including accretion disks, intense jets and a black hole as the most likely central engine. Detailed spectral shape of the high energy emission is studied through data obtained by both space-borne and ground based observations. Their analysis play a key role in the understanding of AGNs. In many ways, they are also considered as special laboratories for extreme physics. They can be observed at significant redshifts where the Universe was only a fraction of its known age. This book aims at modeling AGNs and their spectra in the FGST's Large Area Telescope (LAT) energy range of 20 MeV to 300 MeV. LAT data are exploited to build a phenomenological model of medium-to-high redshift AGNs. As a general trend, these objects show, at LAT energies, a bent spectrum as a result of the absorption by the Extragalactic Background Light(EBL). We specifically dealt with...



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This book is definitely not simple to begin on studying but quite fun to see. I actually have read and that i am sure that i will gonna read through yet again once again in the foreseeable future. It is extremely difficult to leave it before concluding, once you begin to read the book.

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Comprehensive guide! Its this type of very good read through. It is actually writter in simple words and phrases rather than difficult to understand. It is extremely difficult to leave it before concluding, once you begin to read the book.

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