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per la cosmologia osservativa*



New Horizons For Observational Cosmology

Author : A Cooray E Komatsu A Melchiorri / **Category**
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Summary : Free new horizons for observational cosmology pdf download - our understanding of the universe has been revolutionized by observations of the cosmic microwave background the large-scale structure of the universe and distant supernovae these studies have shown that we are living in a strange universe 96 of the present day energy density of the universe is dominated by so-called dark matter and dark energy but we still do not know what dark matter and dark energy actually are this book presents lectures from the 186th course in the enrico fermi international school of physics entitled new horizons for observational cosmology held in varennna italy in july 2013 topics covered at this school included cosmic microwave background anisotropies galaxy clustering weak lensing dark energy dark matter inflation modified gravity neutrino physics reionization galaxy formation and first stars the anticipated release of planck data at the end of 2014 will provide a more complete view of temperature anisotropy of the cosmic microwave background and the reporting of other important results is also expected soon these new data will undoubtedly address fundamental questions about the universe this book prepares the ground for future work which may answer some of these exciting questions

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