

**LIST OF ABBREVIATIONS / NOTATIONS**

BAO	Baryon Acoustic Oscillation
BD	Brans-Dicke
BOSS	Baryon Oscillation Spectroscopic Survey
BT	Bianchi Type
COBE	Cosmic Background Explorer
CDM	Cold Dark Matter
CMBR	Cosmic Microwave Background Radiation
DE	Dark Energy
DM	Dark Matter
DP	Deceleration Parameter
EFE	Einstein's field equations
EOS	Equation of State
FRW	Friedmann-Robertson-Walker
FRLW	Friedmann- Lemaitre-Robertson-Walker
GTR	General Theory of Relativity
GR	General Relativity
GUT	Grand unified theories
IUCAA	Inter-University Centre for Astronomy and Astrophysics
LSS	Large Scale Structure
LRS	Locally Rotationally Symmetric
Mpc	Mega Parsecs
NASA	National Aeronautics and Space Administration
SDSS	Sloan Digital Sky Survey
SNe Ia	Supernovae Type-Ia
TIFR	Tata Institute of Fundamental Research
WMAP	Wilkinson Microwave Anisotropy Probe

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