Constraining the Geometry of the Universe



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A SHORT HISTORY OF EVERYTHING

Type Ia Supernovae

As we continue to observe the Universe, we forever gain a greater understanding of the way it works. What is important is that we understand our origins. To do this we can employ one of the most cataclysmic events which can be observed, supernova.

 $v = H_0 d$

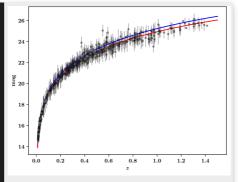


FIG. 1: A Hubble's diagram plotted with data from the Supernova Cosmology Project.



What if we wanted to find the parameters of the universe?