

DISTANT GALAXIES AND COSMOLOGICAL MODELS

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Finally, when a statement is made in the press or a journal that a distant galaxy with such and such a redshift is such and such distance away and that we are seeing it when the universe was only so old we might ask:

- What cosmological model is being used?
- Is space flat or curved positively or negatively?
- What concept of distance is being used?
- If proper distance, is it distance now or distance then?
- What value of H_0 is being used?
- Is the redshift treated as cosmological or Doppler?
- What value of the cosmological constant is being used?
- What is the assumed ratio of actual mass density to critical density?

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