

IS THERE ANY EVIDENCE OF EVOLUTION IN THE COLOR
DISTRIBUTION OF GALAXIES FROM $J = 13$ TO $J = 24$
MAGNITUDE?

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ABSTRACT. The available distributions of galaxy colors from $J = 13$ to $J = 24$ magnitude are studied and interpreted in terms of populations of both evolving and non-evolving normal galaxies of different morphological classes, distributed in magnitude in the co-moving volume according to the Schechter Luminosity Function. Different cosmological models are explored and constraints are set on the amount of spectral evolution present in the galaxy samples.

Key words: GALAXIES-EVOLUTION

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