

THE OVERABUNDANCE OF MAGNESIUM OVER IRON IN BULGES OF SPIRAL GALAXIES

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We have collected integrated light spectra of bulges of 28 spiral galaxies. Our data sample the Hubble sequence uniformly from S0 to Sd types, and cover a large range in magnitude, viz, about -16 to -22 mag in r-Gunn band. In short, disks do not contribute to more than 14% of the total integrated light in our spectra, and all galaxies are analyzed under the same conditions. More to read in a forthcoming paper.

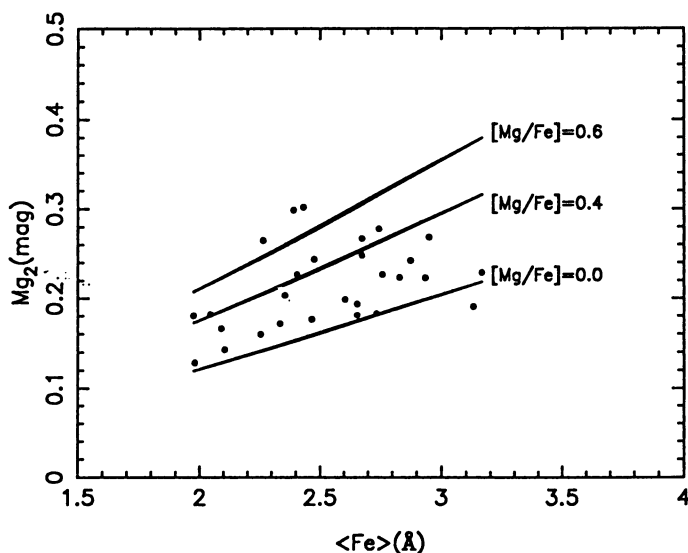


Figure 1. Mg_2 vs the mean of the equivalent widths of the iron lines at 5270\AA and 5335\AA . The overplotted lines correspond to the predictions of Barbuy et al. model (This volume).