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Poster

INFERENCES ON QUASAR BROAD LINE REGION STRUCTURE AT LOW- AND HIGH REDSHIFT

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Quasars show a considerable diversity in broad emission line properties. The diversity of quasar spectra at low redshift is however non-random: a principal component analysis applied to large samples customarily identifies two main eigenvectors. In this contribution we show that the diversity in optical spectral properties of quasars observed at low-z and associated to the first eigenvector is preserved up to redshift $z \approx 2$. We also describe some luminosity effects related to the second eigenvector.