

THE SPECTROSCOPIC CORRELATIONS AND MODEL OF DUSTY HYPERBOLOID WITH A THIN DISK

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We found the possible connection between the model of the dusty hyperboloid shell with a thin disk (Stalevski et al. 2019) and several correlations of optical and mid-infrared spectroscopic parameters (Lakićević et al. 2018. and references therein) obtained for Narrow Line Seyfert 1 (NLS1) galaxies and Broad Line Active Galactic Nuclei (BLAGN). That may suggest that NLS1s are seen under the smaller inclination angles than BLAGNs (as proposed in numerous literature). That could explain why NLS1s have lower luminosities than BLAGNs and why NLS1s have different correlations than BLAGNs.

References

Lakićević, M., Popović, L. Č., Kovačević-Dojčinović, J. 2018, MNRAS, 478, 4068

Stalevski, M., Tristram, K. R. W. & Asmus, D., 2019, MNRAS, 484, 3334