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SPECTROPHOTOMETRIC STUDY OF NEARBY SEYFERT NUCLEI

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We present new results about the spectrophotometric study of the nuclear regions in nearby (z<0.03) Seyfert galaxies. The observations were carried out using the Multi Pupil Fiber Spectrograph (MPFS), the integral field unit mounted at the 6-m telescope of the Special Astrophysical Obsevatory (Russia). The main purpose of this work is to test the Unified Model in nearby AGNs through the investigation of the the gaseous/stellar environment close the active nucleus. In particular, we show emission line ratio maps, included excitation maps ([O III]/H $_{\alpha}$), which allowed us to trace the regions with different degrees of ionization, to identify ionization cones and/or circum-nuclear star forming regions, and to study in detail their physical properties.