

# Low-dispersion spectroscopy with cubesats and photographic plates

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## Abstract

© 2018 WILEY-VCH Verlag GmbH & Co. KGaA, Weinheim We will briefly present the proposal for the UV experiment based on low-dispersion spectroscopy (LDS) of stars for cubesat mission, as well as the potential of LDS with digitized photographic plates taken mostly by Schmidt telescopes. Extended databases of these records are available at numerous observatories, mainly in the United States, with the total estimated number exceeding 100,000. They represent a valuable source of astrophysical information, especially for automated searches for objects with peculiar spectra as well as for (prominent) spectral changes.

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## Keywords

astronomical databases: Miscellaneous, instrumentation: Miscellaneous, techniques: Spectroscopic, ultraviolet: General

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