

CALIBRATION OF THE ECHELLE-VIDICON COMBINATION
OF THE BUSS-INSTRUMENT

By

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For both observations and laboratory measurements the use of television-type detectors is increasing. The Space Research Laboratory at Utrecht is, in collaboration with Johnson Space Center at Houston, carrying out high resolution spectroscopy from a balloon borne observatory using an echelle spectrograph and a SEC-vidicon detector. The calibration of such a system is not trivial. This paper deals with the procedures required to achieve a proper intensity calibration of the system in use.