

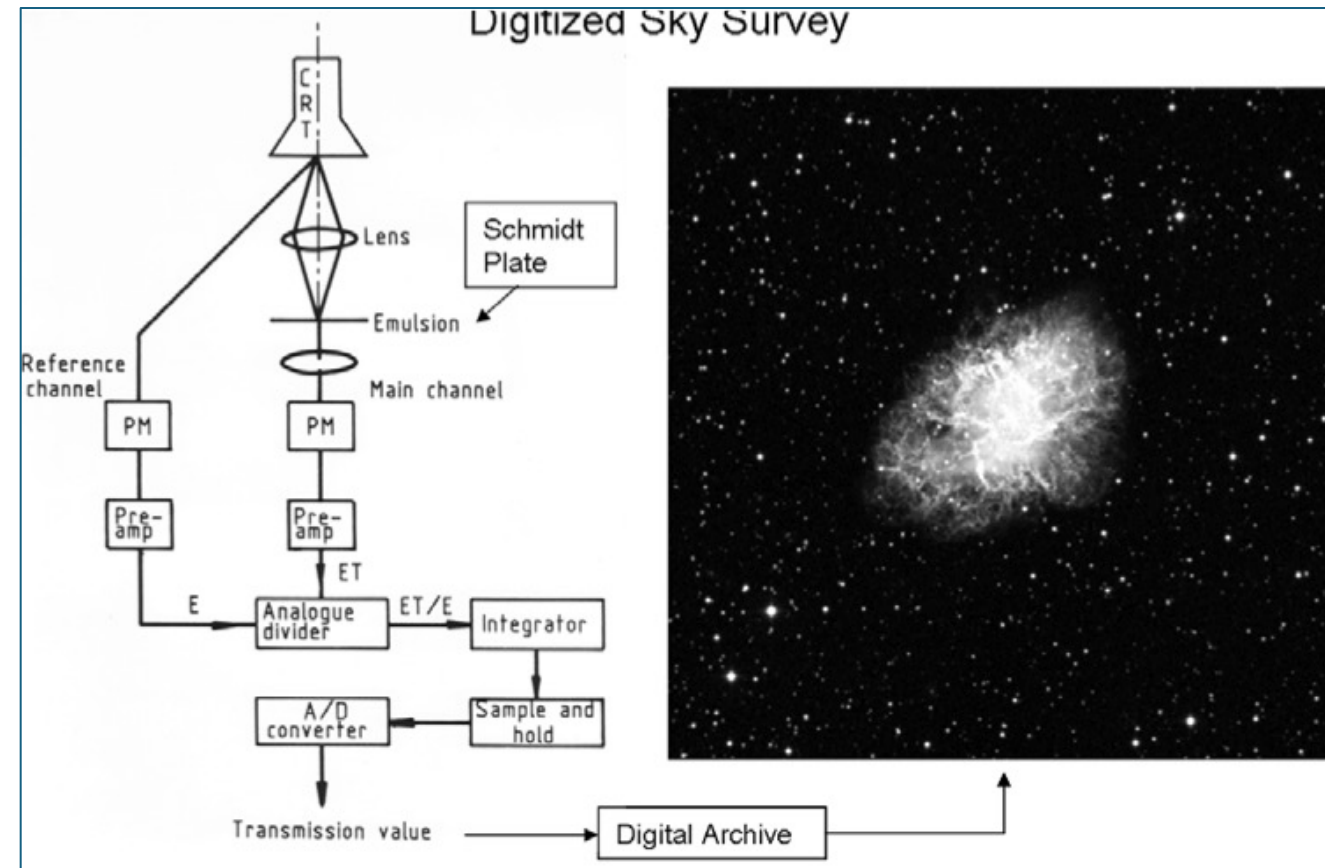
section4_Ex.1

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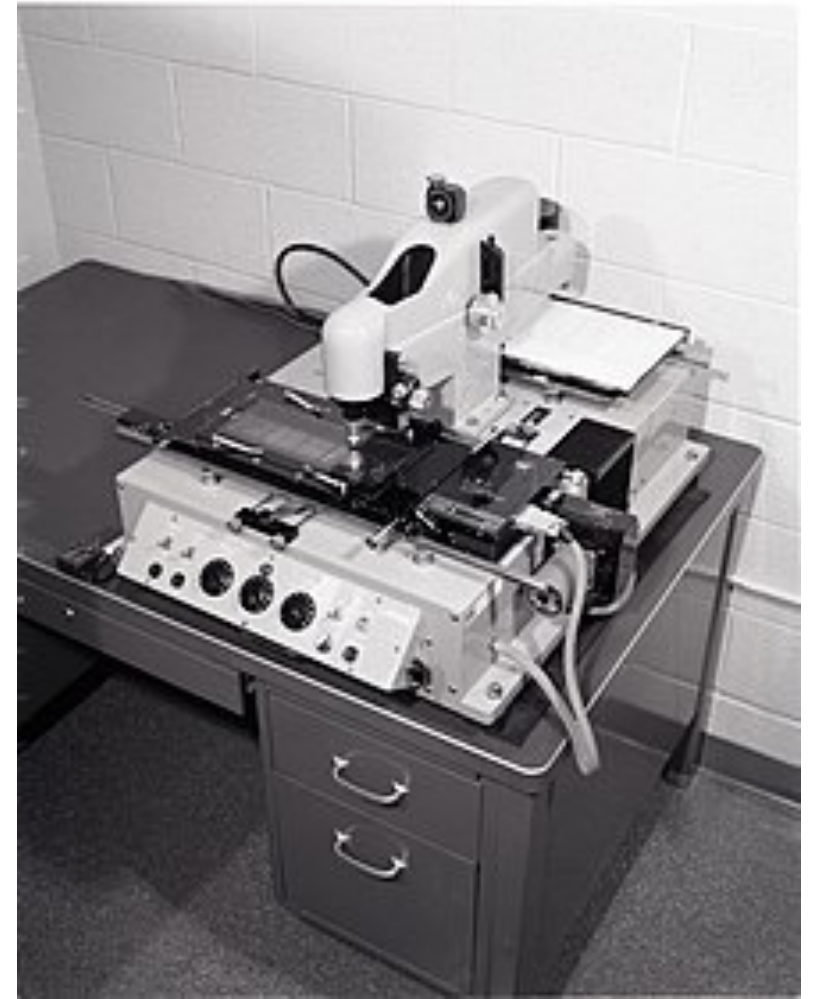
1. How are the images that are recorded on large photographic plates handled and made available in digital form for analysis?

- Figure. 4.2 shows the flow of the A/D processing in Digitized Sky Survey (DSS)
 - PM : photomultiplier
 - T : transmission
 - E : incident illumination
 - Emulsion (感光乳劑)
- handled by GIF or FITS format
- It is possible to check the data using [DSS web page](#)



1. How are the images that are recorded on large photographic plates handled and made available in digital form for analysis?

- Digitized Sky Survey (DSS)
 - conducted by U.K. and ESO Schmidt Telescopes
- photographic data is converted to digital data by microdensitometer



Reference

- DSS Wikipedia

https://ja.wikipedia.org/wiki/%E3%83%87%E3%82%B8%E3%82%BF%E3%82%A4%E3%82%BA%E3%83%89%E3%83%BB%E3%82%B9%E3%82%AB%E3%82%A4%E3%83%BB%E3%82%B5%E3%83%BC%E3%83%99%E3%82%A4#cite_ref-booklet_s_10-0

- Microdensitometer

<https://en.wikipedia.org/wiki/Microdensitometer>