

Date : 3/7/2020

Course : IIRS

Topic : Digital

Photogrammetry

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Sem - IV Sem

Report:

- * Input for generating ortho rectification :
 - * error removed during ortho rectification \Rightarrow
 - 1) camera sensor orientation
 - 2) Lens distortion
 - 3) Topographic relief displacement
 - 4) earth curvature
- * algorithms for digital Ortho rectification
 - 1) Polynomial rectification
 - 2) projective transformation
 - 3) Differential rectification
- * It is projection of a well known standard procedure in aerial photogrammetry.
- * The geometric accuracy is a higher since a very close mesh at points is used to approximate ground surface.