Isolation of paperstructures and watermarks from prints and drawings with imagesubtraction

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AD751
– automatically measurement of Chainline-distance based on FFT

http://mywebpage.netscape.com/atanasiuvlad/ad751/snapshots.html
Paperanalysis software/ 'Data mining'

Collage over the functionality of 'Missing-Link-Software'
equipment for image subtraction

- digital camera
- Light foil
- studio light
- tripod
- scale/Lineal
- Notebook/Computer
- image software (z.B. Photoshop)
- studio in complete darkness

Situation for image subtraction at ‘Laurentius’ art dealer in Middelburg (NL)
example - starting point

object under normal light condition
Rembrandt; 'Mann der ein Seil zieht';
Staatliche Graphische Sammlung München

object under transmitted light condition
Functionality of image subtraction

Rembrandt; 'Mann der ein Seil zieht'; Staatliche Graphische Sammlung München

detail of the green part
Functionality of image subtraction

Transmitted light image

Normal light image

Result of difference (watermark)
Minimum standards for images of paper structure

image made by image subtraction