

# COUNTING VERMEER

## Weft Snake Indicator

### Validation Procedure

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Open `displayWeaveMaps` to an angle map of interest, such as the angle map of the vertical threads in L06 shown in Figure 1.

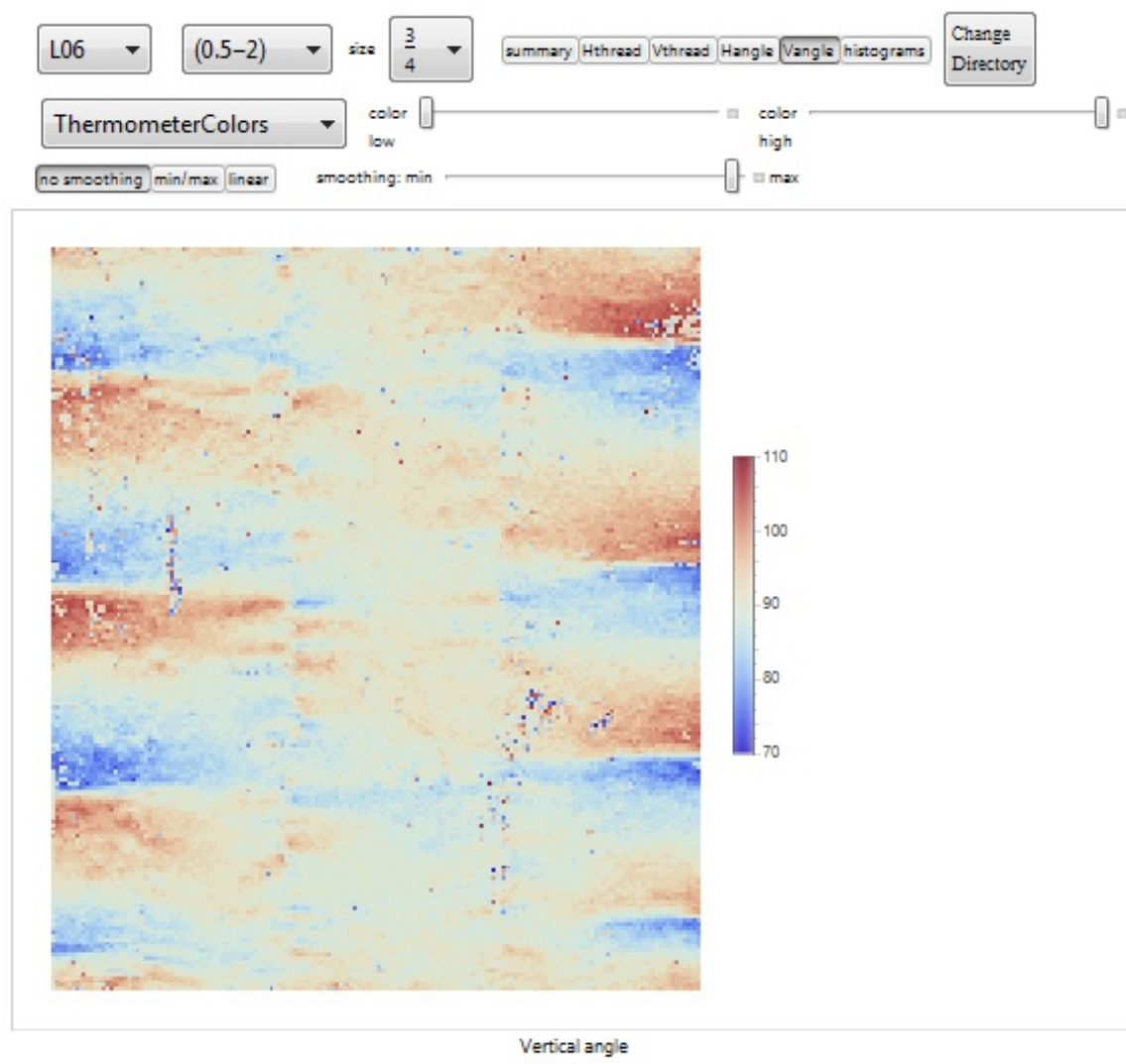


Figure 1: L06 Vertical Threads Angle Map

Note the two vertical lines of alternating blue/red blips traversing the x-radiograph. One is approximately 15 cm to the right of the

left edge of the x-radiograph. The other is about 13 cm to the left of the right edge. These lines of alternating colors, which are changing noticeably faster than the “background” colors surrounding them, are weft snake indicators. Close observation of the x-radiographs is required to determine if these indicators have located weft snakes.

Place the mouse-pointer at a point along the weft snake indicator in the Vangle map generated by **displayWeaveMaps** and click the mouse. The image will switch to the x-radiograph. Note an artifact in the x-ray image close to vertical line indicated by the x-coordinate of the pointer. Open **zoomIn** and move the green box over the indicated feature to capture a portion of the threads of interest as in Figure 2.

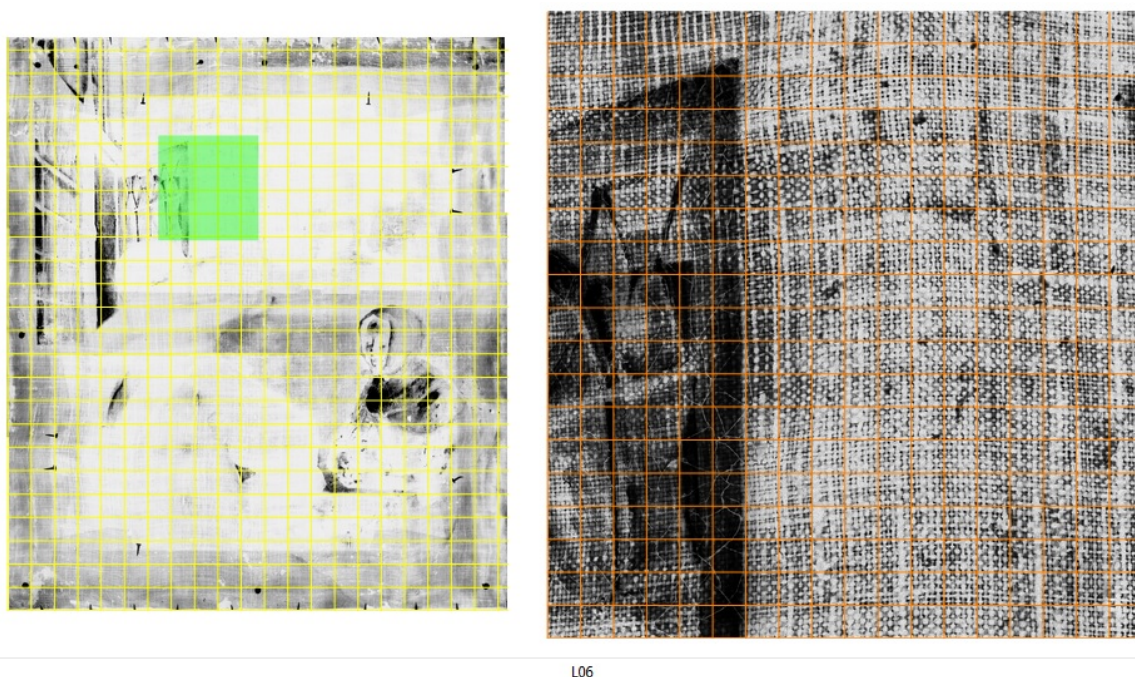


Figure 2: L06 Close-up of X-Radiograph Patch Containing Vertical Weft Snake Indicator

Shift the green box up and down along the bundle of vertical threads located by the weft snake indicator. Do they form a weft snake?

Repeat weft snake hunt procedure on all angle maps of Vermeer’s paintings on canvas...