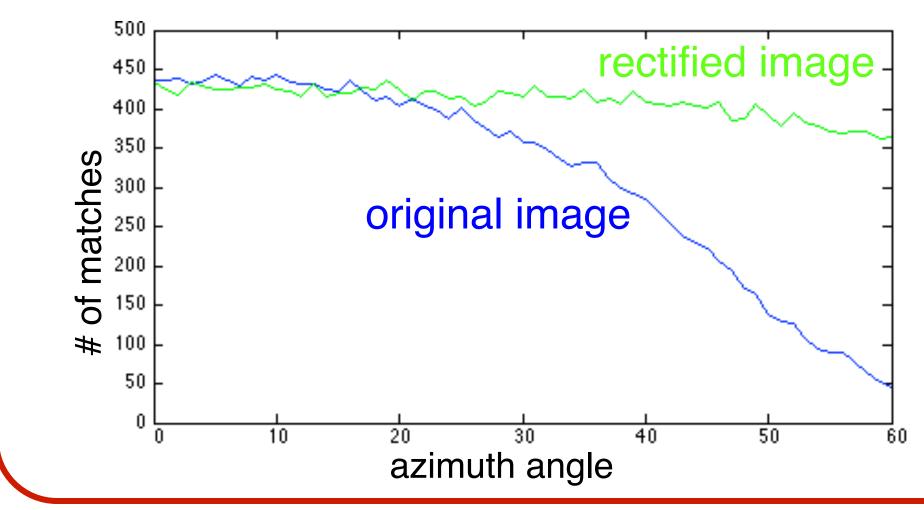
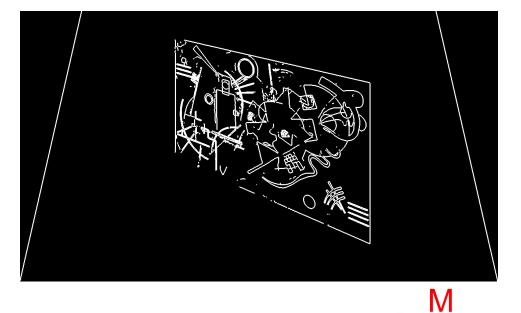
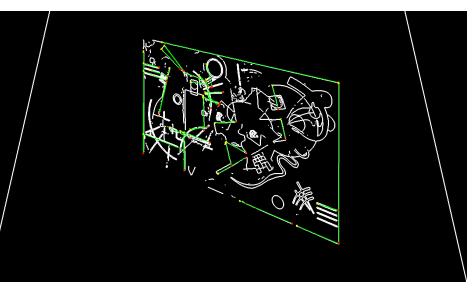
## Plane rectification in real time on an Android device Jean-Baptiste Boin, under the guidance of Roland Angst and Bernd Girod

**Motivation:** Many very reliable feature detectors/descriptors like SIFT are not viewpoint invariant. This performance drop could be avoided by rectifying the image as a preprocessing step. In this project, we are trying to run this step in real time using the sensors of our device.



## Line based approach





The dominant lines are use to get the most likely vanishing point

- Pros : very accurate if there are dominant lines
- Cons : a bit slow in real time

