

Abstract

The disclosure relates to a method (300) for determining a surface roughness of a specimen surface of a specimen (1), the method (300) comprising:

- obtaining several measurement data, each one of the measurement data being indicative of a surface topology of the specimen surface based on an optical three-dimensional measurement of the specimen surface by an image sensor, wherein each one of the measurement data is associated with a different brightness level of a light source illuminating the specimen surface or with a different exposure of the image sensor;
- obtaining first computation data indicative of surface roughnesses of the specimen surface for each one of the measurement data; and
- determining second computation data indicative of a surface roughness of the specimen surface for all measurement data based on the first computation data.

(Fig. 1)