

Abstract of the Disclosure

STEREOSCOPIC DISPLAY METHOD FOR A SCANNING TYPE
PROBE MICROSCOPE

A stereoscopic display method is used for a scanning type probe microscope, wherein a surface shape of an object can be displayed to be stereoscopically seen. In the stereoscopic display method, three-dimensional data of the surface shape of the object is obtained by the scanning type probe microscope. The obtained three-dimensional data are converted into at least two two-dimensional data located on different sight line directions corresponding to a predetermined parallax angle. A display position for displaying the converted two-dimensional data on a display surface is determined to correspond to the parallax angle, and the two-dimensional data are displayed on the display position. By positioning two eyes on the sight lines corresponding to the parallax angle and observing the images in the respective sight line directions, an image equivalent to the image obtained when a three-dimensional object is observed is seen.

(Fig. 1)