

分散于有机溶剂的CNT的AFM-3D图像及颗粒解析

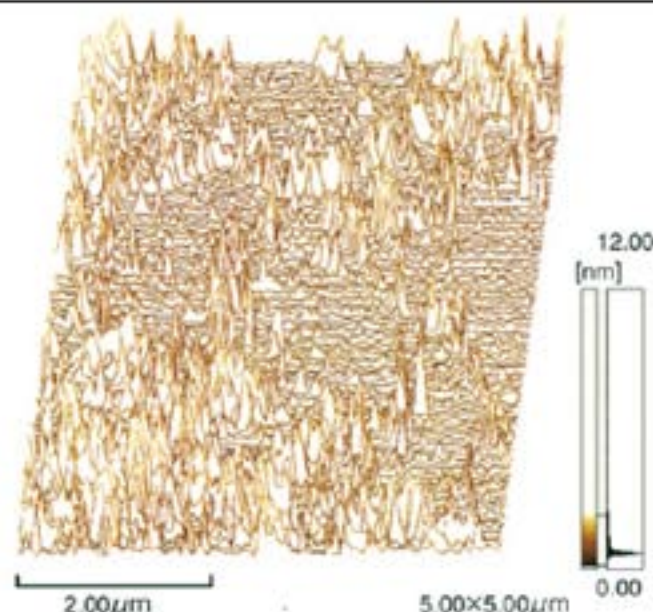
AFM 3D Images and Particle-size Analysis of CNT Dispersed in Organic Solvent

扫描探针显微镜

Scanning Probe Microscope

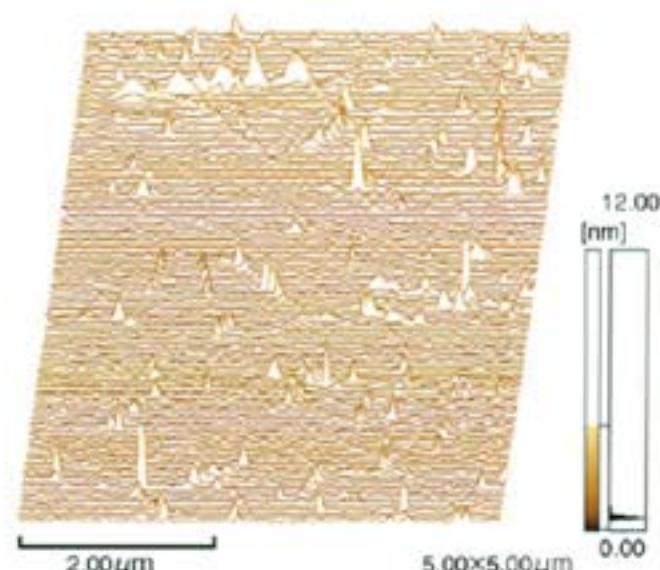
SPM-9600

AFM凹凸像的3D显示 / 3D Representation of AFM Topographical Images



分散较差时的AFM3D图像

AFM 3D Image of Comparatively Poor Dispersion



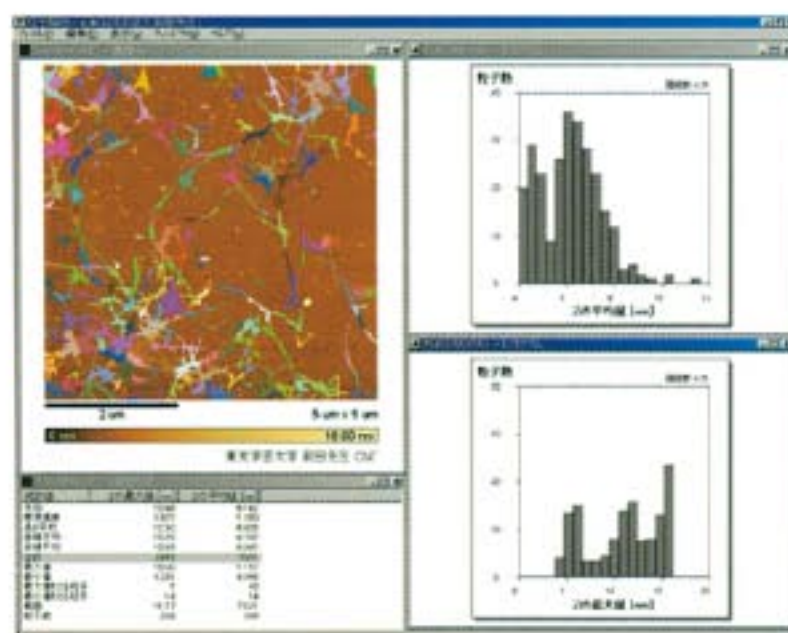
分散良好时的AFM3D图像

AFM 3D Image of Comparatively Good Dispersion

通过颗粒解析软件进行AFM像的解析 / AFM Image Analysis using Particle-size Analysis Software

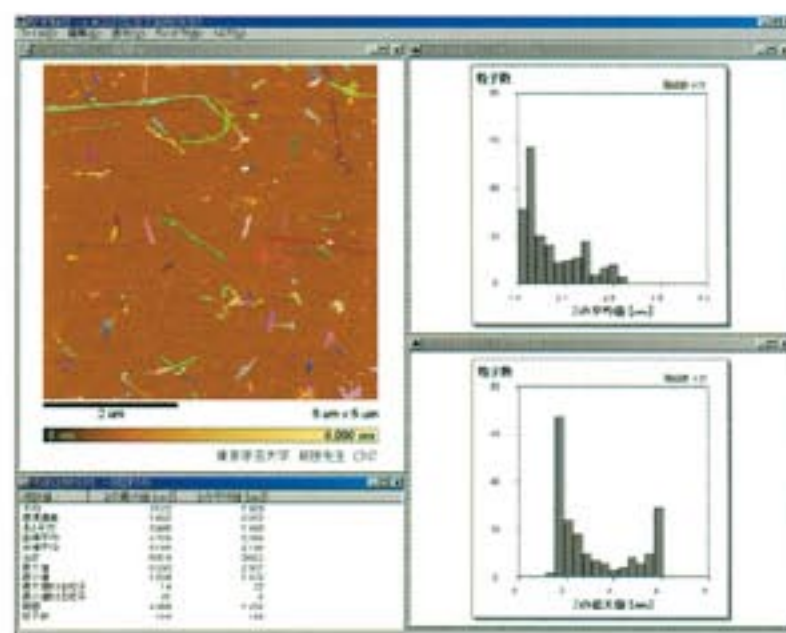
通过颗粒解析软件对凹凸像进行统计解析，来评价CNT的分散程度。分散良好时，凹凸像的高度基本一致。

Differences in CNT dispersion were evaluated by statistical analysis of the topographic images using particle-size analysis software. The heights in the topographic images tend to match more closely for comparatively good dispersion.



分散较差时的AFM图像与颗粒解析结果

AFM Image and Particle-size Analysis Results for Comparatively Poor Dispersion



分散良好时的AFM图像与颗粒解析结果

AFM Image and Particle-size Analysis Results for Comparatively Good Dispersion

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