

Description of Additional Supplementary Files

File Name: Supplementary Movie 1

Description: 3D reconstruction of dislocations in deformed coarse-grained Ti-0.3O specimen at 77 K viewed from X rotation.

File Name: Supplementary Movie 2

Description: 3D reconstruction of dislocations in deformed coarse-grained Ti-0.3O specimen at 77 K viewed from Y rotation.

File Name: Supplementary Movie 3

Description: 3D reconstruction of dislocations in deformed ultrafine-grained Ti-0.3O specimen at 77 K viewed from X rotation.

File Name: Supplementary Movie 4

Description: 3D reconstruction of dislocations in deformed ultrafine-grained Ti-0.3O specimen at 77 K viewed from Y rotation.