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Abstract

Thermal coarsening of individual titanate nanowires and their assemblies:
Surface vs. bulk diffusion

3.Results

This paragraph reviews the experimental behavior of TiO₂ material structures and the relationship between properties of elongated titanates(nanowires) and temperature mode. It was also reviewed different methods and techniques of observing the crystal transformations by 2D and 3D model. The temperature mode can strongly affect on titanium crystal shape and phase changes, that is why this paragraph has studied the geometrical behavior of titanite nanowires.