

Supplemental material

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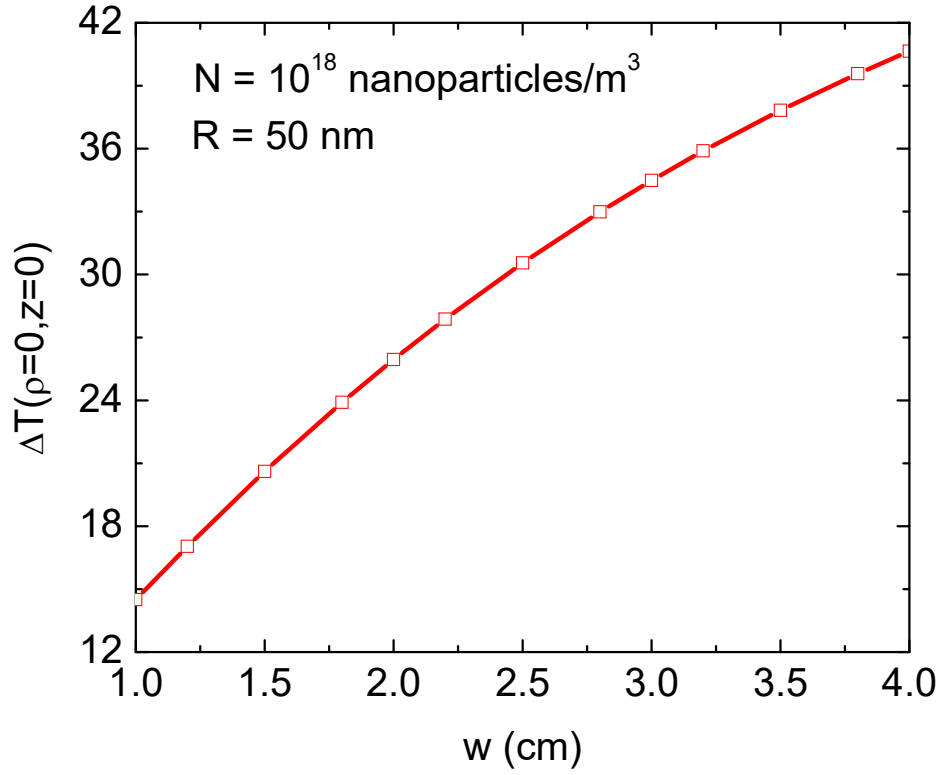


FIG. 1: (Color online) The maximum surface temperature as a function of the effective projected size, w , of floating fabrics on a solution of TiN nanoparticle with $N = 10^{18}$ nanoparticles/m³ and $R = 50$ nm.

Figure S1 shows the temperature gradient $\Delta T(\rho = 0, z = 0)$ with w for $N = 10^{18}$ nanoparticles/m³ concentration of TiN nanoparticles with 50-nm radius.