

Self-Organized Gels in DNA/F-Actin Mixtures without Crosslinkers: Networks of Induced Nematic Domains with Tunable Density

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5 mg/ml

63

77

1:100

300

300 m²

79 m

1/4 DNA 1.14 mg/ml

mm

7

$$T_{\text{core}} = \frac{K}{\lambda} \ln \left(\frac{2K}{\rho} \right)$$

$\mathbb{R}^n = \mathbb{R}^k \times \mathbb{R}^{n-k}$ $\mathbb{R}^k = \mathbb{R}^k \times \{0\}$ $\mathbb{R}^{n-k} = \{0\} \times \mathbb{R}^{n-k}$