

## Correction to Force and Scale Dependence of the Elasticity of Self-Assembled DNA Bottle Brushes

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Equation 12 should read

$$\Gamma_0 = \frac{2\pi}{\xi} \left( \frac{P_0 k_B T}{f} \right)^{1/2} \quad (\text{A.1})$$

and eq 13 should read

$$\Gamma = \frac{2\pi}{\xi} \left( \frac{(P_0 + \Delta P) k_B T}{f} \right)^{1/2} \quad (\text{A.2})$$

Note that in the (corrected) expressions for the dimensionless parameters  $\Gamma_0$  and  $\Gamma$  one recognizes the Odijk deflection lengths  $\lambda_0 = (P_0 k_B T / f)^{1/2}$  and  $\lambda = ((P_0 + \Delta P) k_B T / f)^{1/2}$ . In terms of these deflection lengths the dimensionless parameters are simply  $\Gamma_0 = 2\pi\lambda_0 / \xi$  and  $\Gamma = 2\pi\lambda / \xi$ . No explicit expression was given for the force-dependent apparent persistence length  $P_{\text{app}}(f)$ . Upon substituting eq 10 in eq 6, one finds the simple result

$$P_{\text{app}}(f) = \frac{P_0}{1 + \gamma} \quad (\text{A.3})$$

with the dimensionless factor  $\gamma$  being given by eq 11 and the corrected versions of eqs 12 and 13, viz. eqs A.1 and A.2.