a) l_s / L / applied force / μ_e / μ_c / segment strain

b) l_c / ξ / F / filament slip / F/ξ / time

c) υ / sliding rate / υ / ξ / pulling force

d) τ_r / old filaments / e^{-t/τ_r} / time

e) υ

Model Parameters:
L = filament length (μm)
μ_e = extensional modulus (nN)
μ_c = extensional modulus (nN)
ξ = inter-filament friction (nN•s/μm)
l_c = cross-link spacing (μm)
υ = active filament force (nN)
ϕ = cross-link active fraction
τ_r = filament recycling time (s)
ζ = medium viscosity (nN•s)