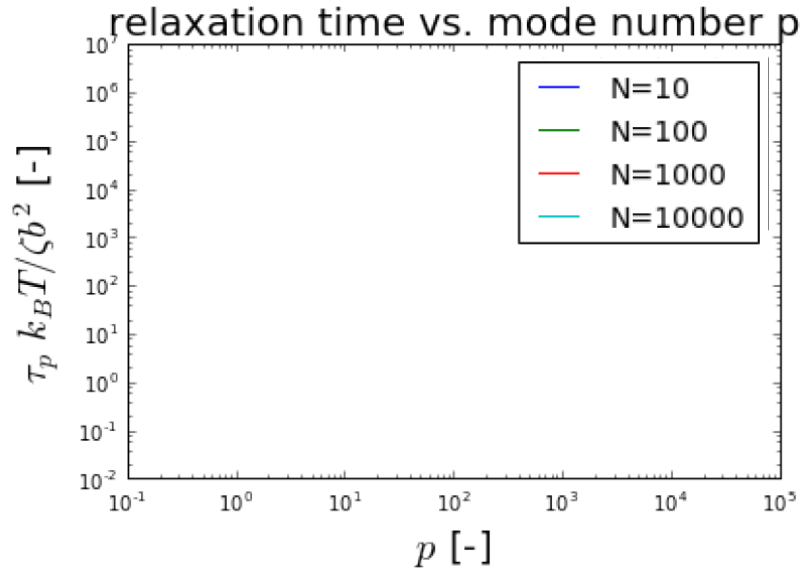


## Homework #2

Ryoichi Yamamoto

Consider the Rouse model with  $N = 10, 100, 1000, 10000$ .

1. Plot the relaxation times for the  $p$ -th mode  $\tau_p$  vs the mode number  $p$  in a similar manner to the following graph.



2. Plot the stress relaxation functions  $G(t)$  vs time  $t$  in a similar manner to the following graph.

