$$\frac{1}{k_{ms}} = \frac{1}{k_{cl}} + \frac{1}{k_{MT}}$$

from Schaap *Biophysical Journal*(2006), for k_{MT} (microtubule), for k_{cl} (cantilever), and k_{ms} (?2 spring system),

$$k_{MT} = \left(\frac{1}{k_{ms}} - \frac{1}{k_{cl}} \right)^{-1}$$