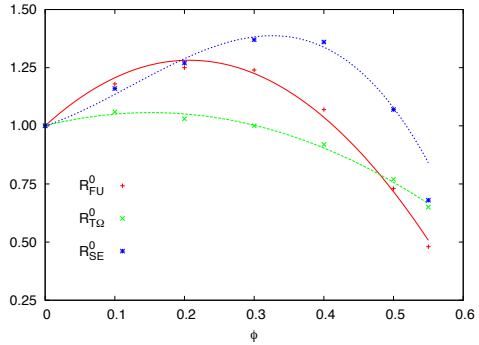

Figure 6.5: Optimal isotropic constants. Best fits in the plots are given by $R^0_{FU} = 1 + 2.725\phi - 6.583\phi^2$, $R^0_{T\Omega} = 1 + 0.749\phi - 2.469\phi^2$, $R^0_{SE} = 1 + 0.9972\phi + 4.8409\phi^2 - 13.0510\phi^3$. Lubrication cutoff of $2.5a$ was used in this calculation.

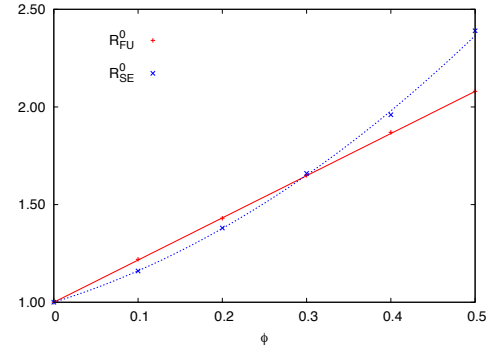

Figure 6.6: Optimal isotropic constants. Best fits in the plots are given by $R^0_{FU} = 1 + 2.16\phi$, and $R^0_{SE} = 1 + 1.33\phi + 2.80\phi^2$.Lubrication cutoff of $2.5a$ was used in this calculation.