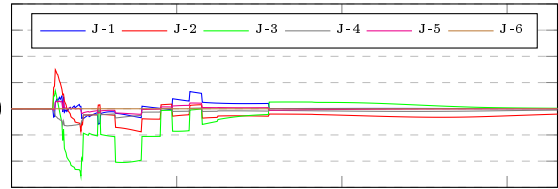


# $F_{rep}$ (AAPF) with Orientation Control

Magnitude of  $F_{rep}$

$2 \cdot 10^{-4}$   
 $1.5 \cdot 10^{-4}$   
 $1 \cdot 10^{-4}$   
 $5 \cdot 10^{-5}$   
 $0$   
 $-5 \cdot 10^{-5}$   
 $-1 \cdot 10^{-4}$   
 $-1.5 \cdot 10^{-4}$



Iteration