$$\begin{cases} \frac{d\vec{r}_{\alpha}^{\prime}}{dt} = \vec{V}_{\alpha}(t) \\ (1)_{\alpha} \\ \frac{d\vec{V}_{\alpha}^{\prime}}{dt} = \vec{f}_{\alpha}^{\prime}(t) + \vec{\xi}_{\alpha}(t) \\ \frac{\vec{\xi}_{\alpha}^{\prime}(t)}{\vec{\xi}_{\alpha}^{\prime}(t)} \\ \frac{\vec{\xi}_{\alpha}^{\prime}(t)}{\vec{\xi}_{\alpha}^{\prime}(t)} \\ \vec{f}_{\alpha} = \vec{f}_{\alpha}^{\prime \prime}(\vec{V}_{\alpha}) + \vec{f}_{\alpha}\vec{B}(\vec{r}_{\alpha}^{\prime}) + \sum_{\beta \neq \alpha} \vec{f}_{\alpha\beta}(\vec{r}_{\alpha}, \vec{V}_{\alpha}, \vec{r}_{\beta}, \vec{V}_{\beta}) + \sum_{i} \vec{f}_{\alpha i}(\vec{r}_{\alpha}, \vec{r}_{i}, t) \end{cases}$$

$$(3)$$

$$\vec{f}_{\alpha}^{\prime \prime}(\vec{V}_{\alpha}) = \frac{1}{\tau} \left(V_{\alpha}^{\prime \prime} \vec{e}_{\alpha}^{\prime} - \vec{V}_{\alpha} \right) \\ (4)_{\vec{V}_{\alpha}^{\prime \prime}} \\ \vec{V}_{\alpha}^{\prime \prime} \\ \vec$$