$$\begin{split} &\frac{d\vec{r}_{\alpha}^{c}}{dt} = \vec{V}_{\alpha}\left(t\right) \\ &(1)_{\alpha} \\ &\frac{d\vec{V}_{\alpha}}{dt} = \vec{f}_{\alpha}\left(t\right) + \vec{\xi}_{\alpha}\left(t\right) \\ &\frac{\vec{\xi}_{\alpha}^{c}\left(t\right)}{\vec{\xi}_{\alpha}^{c}\left(t\right)} \\ &\frac{\vec{\xi}_{\alpha}^{c}\left(t\right)}{\vec{\xi}_{\alpha}^{c}\left(t\right)} \\ &\frac{\vec{\xi}_{\alpha}^{c}\left(t\right)}{\vec{\xi}_{\alpha}^{c}\left(t\right)} \\ &\frac{\vec{\xi}_{\alpha}^{c}\left(t\right)}{\vec{\xi}_{\alpha}^{c}\left(t\right)} \\ &\frac{\vec{\xi}_{\alpha}^{c}\left(t\right)}{\vec{\xi}_{\alpha}^{c}\left(t\right)} \\ &\frac{\vec{\xi}_{\alpha}^{c}\left(\vec{V}_{\alpha}\right) + \vec{f}_{\alpha}\vec{B}\left(\vec{r}_{\alpha}^{c}\right) + \sum_{\beta \neq \alpha} \vec{f}_{\alpha\beta}\left(\vec{r}_{\alpha}^{c}, \vec{V}_{\alpha}, \vec{r}_{\beta}^{c}, \vec{V}_{\beta}\right) + \sum_{i} \vec{f}_{\alpha i}\left(\vec{r}_{\alpha}, \vec{r}_{i}^{c}, t\right) \\ &(3) \\ &\vec{f}_{\alpha}^{c}\left(\vec{V}_{\alpha}\right) = \frac{1}{\tau}\left(V_{\alpha}^{c}\vec{e}_{\alpha}^{c} - \vec{V}_{\alpha}\right) \\ &(4) \vec{T}_{\alpha} \\ &V_{\alpha}^{c} \\ &V_$$