Field ki	nematics			
Basic converse Minkowsk $\eta_{\mu\nu}$	i metric tensor Totally antisymmetric tensor Momentum N	$ \begin{array}{c c} \text{Iorm} & \text{Frame} \\ 2 == k_{\mu} k^{\mu} n^{\mu} == \frac{k^{\mu}}{k} \end{array} $		
Fundam	ental fields			
Fundamer $f_{\alpha\beta}$	Symmetry[2, $f^{\bullet 1 \bullet 2}$, $\{ \bullet 1 \rightarrow -a, \bullet 2 \rightarrow -b \}$, StrongGe	Decomposition in SO(3) irreps		Source $ au_{\alpha\beta}$
SO(3) irı	reps			
SO(3) irre	pSymmetries	Expansion in terms of the fundamental field	Source	
$f_{0+}^{#1}$	Symmetry[0, $f_{0+}^{#1}$, {}, StrongGenSet[{}, GenSet[]]]	$f^{\alpha}_{\alpha} - f^{\alpha\beta} n_{\alpha} n_{\beta}$	$ au_{0}^{#1}$	
$f_{0+}^{#2}$	Symmetry[0, f_{0+}^{2} , {}, StrongGenSet[{}, GenSet[]]]	$f^{lphaeta}$ n_{lpha} n_{eta}	$ au_{0}^{\#2}$	
$f_{1}^{\#1}{}_{\alpha\beta}$	Symmetry[2, $f_{1+}^{\#1} \bullet 1 \bullet 2$, $\{ \bullet 1 \rightarrow -a, \bullet 2 \rightarrow -b \}$, StrongGenSet[$\{ 1, 2 \}$, GenSet[$-(1,2)$]]]	$\frac{f_{\alpha\beta}}{2} - \frac{f_{\beta\alpha}}{2} + \frac{1}{2} f_{\beta}^{\chi} n_{\alpha} n_{\chi} - \frac{1}{2} f_{\beta}^{\chi} n_{\alpha} n_{\chi} - \frac{1}{2} f_{\alpha}^{\chi} n_{\beta} n_{\chi} + \frac{1}{2} f_{\alpha}^{\chi} n_{\beta} n_{\chi} + \frac{1}{2} f_{\alpha}^{\chi} n_{\beta} n_{\chi}$	$ au_{1}^{\#1}{}_{lphaeta}$	
$f_{1-\alpha}^{\#1}$	Symmetry[1, $f_1^{\#1} \bullet 1$, $\{ \bullet 1 \rightarrow -a \}$, StrongGenSet[$\{ \}$, GenSe	et[]]] $f^{\beta}_{\alpha} n_{\beta} - f^{\beta \chi} n_{\alpha} n_{\beta} n_{\chi}$	$ au_{1^{-}\alpha}^{#1}$	
$f_{1 \alpha}^{\#2}$	Symmetry[1, $f_1^{\#2} \bullet 1$, $\{ \bullet 1 \rightarrow -a \}$, StrongGenSet[$\{ \}$, GenSe	et[]]] $f_{\alpha}^{\ \beta} n_{\beta} - f^{\beta \chi} n_{\alpha} n_{\beta} n_{\chi}$	$ au_{1^{-}\alpha}^{\#^{2}}$	
$f_{2+\alpha\beta}^{\#1}$	Symmetry[2, $f_{2^{+}}^{\#1} \bullet 1 \bullet 2$, $\{ \bullet 1 \rightarrow -a, \bullet 2 \rightarrow -b \}$, StrongGenSet[$\{ 1, 2 \}$, GenSet[$(1, 2)$]]]	$\frac{f_{\alpha\beta}}{2} + \frac{f_{\beta\alpha}}{2} - \frac{1}{3} \eta_{\alpha\beta} f_{\chi}^{\chi} + \frac{1}{3} f_{\chi}^{\chi} n_{\alpha} n_{\beta} - \frac{1}{2} f_{\beta}^{\chi} n_{\alpha} n_{\chi} - \frac{1}{2} f_{\beta}^{\chi} n_{\alpha} n_{\chi} - \frac{1}{2} f_{\alpha}^{\chi} n_{\beta} n_{\chi} - \frac{1}{2} f_{\alpha}^{\chi} n_{\beta} n_{\chi} - \frac{1}{2} f_{\alpha}^{\chi} n_{\beta} n_{\chi} + \frac{1}{3} \eta_{\alpha\beta} f_{\chi}^{\chi\delta} n_{\chi} n_{\delta} + \frac{2}{3} f_{\chi}^{\chi\delta} n_{\alpha} n_{\beta} n_{\chi} n_{\delta}$	$ au_{2}^{\#1}{}_{lphaeta}$	