

$$-2 b^{ij} b^{lm} b^{sa} \epsilon^{lajm} \overset{1+}{\mathcal{R}}_{il} -$$

$$\frac{1}{6} b^{as} b^{ij} b_{ji} \overset{0-}{\mathcal{R}}^l n_a + \frac{1}{6} b^{as} b^i_i b^j_j \overset{0-}{\mathcal{R}}^l n_a +$$

$$\frac{4}{3} b^{ai} b^{jl} b^{mn} \epsilon^{liln} \overset{2-}{\mathcal{R}}^l_{jm} n_a^s +$$

$$\frac{1}{3} b^{as} b^{ij} b_{ji} \overset{0-}{\mathcal{R}}^\perp n_a - \frac{1}{3} b^{as} b^i_i b^j_j \overset{0-}{\mathcal{R}}^\perp n_a -$$

$$\frac{8}{3} b^{ai} b^{jl} b^{mn} \epsilon^{liln} \overset{2-}{\mathcal{R}}^{\perp s}_{jm} n_a -$$

$$\frac{1}{3} b^{as} b^i_a b^j_j \overset{0-}{\mathcal{R}}^l n_i + \frac{2}{3} b^{as} b^i_a b^j_j \overset{0-}{\mathcal{R}}^\perp n_i +$$

$$\frac{1}{3} b^{as} b^i_a b^j_i \overset{0-}{\mathcal{R}}^l n_j - \frac{2}{3} b^{as} b^i_a b^j_i \overset{0-}{\mathcal{R}}^\perp n_j -$$

$$b^{ij} b^{lm} b^{sa} \epsilon^{lajm} \overset{1-}{\mathcal{R}}_i n_l +$$

$$b^{ij} b^{lm} b^{sa} \epsilon^{lajm} \overset{1-}{\mathcal{R}}^\perp_i n_l - \frac{1}{3} b^{ai} b^j_i b_{ja} \overset{0-}{\mathcal{R}}^l n^s +$$

$$\frac{1}{2} b^a_a b^{ij} b_{ji} \overset{0-}{\mathcal{R}}^l n^s - \frac{1}{6} b^a_a b^i_i b^j_j \overset{0-}{\mathcal{R}}^l n^s -$$

$$\frac{4}{3} b^{ai} b^{jl} b^{mn} \epsilon^{liln} \overset{2-}{\mathcal{R}}^l_{ajm} n^s +$$

$$2 b^{ai} b^{jl} b^{mn} \epsilon^{liln} \overset{1+}{\mathcal{R}}^l_{jm} n_a n^s -$$

$$2 b^{ai} b^{jl} b^{mn} \epsilon^{liln} \overset{1+}{\mathcal{R}}^{\perp}_{jm} n_a n^s +$$

$$\frac{2}{3} b^{ai} b^j_i b^l_j \overset{0-}{\mathcal{R}}^l n_a n_l n^s + \frac{2}{3} b^{ai} b^j_i b^l_j \overset{0-}{\mathcal{R}}^\perp n_a n_l n^s -$$

$$\frac{2}{3} b^a_a b^{ij} b^l_j \overset{0-}{\mathcal{R}}^l n_i n_l n^s -$$

$$\frac{2}{3} b^a_a b^{ij} b^l_j \overset{0-}{\mathcal{R}}^\perp n_i n_l n^s -$$

$$\frac{1}{3} b^{ai} b_{ia} b^{jl} \overset{0-}{\mathcal{R}}^l n_j n_l n^s +$$

$$\frac{1}{3} b^a_a b^i_i b^{jl} \overset{0-}{\mathcal{R}}^l n_j n_l n^s -$$

$$\frac{1}{3} b^{ai} b_{ia} b^{jl} \overset{0-}{\mathcal{R}}^\perp n_j n_l n^s + \frac{1}{3} b^a_a b^i_i b^{jl} \overset{0-}{\mathcal{R}}^\perp n_j n_l n^s$$