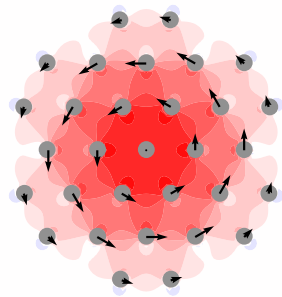
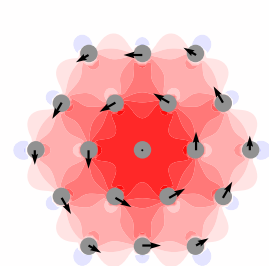
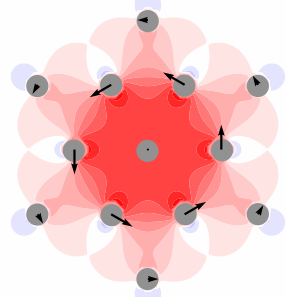


a.

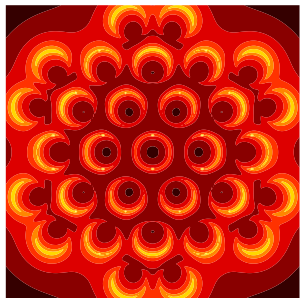
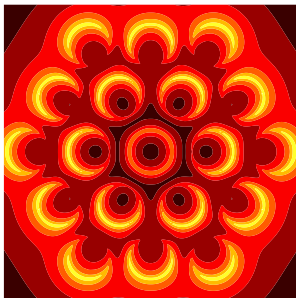
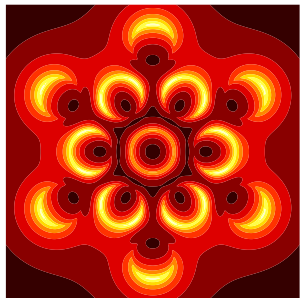


$$|\mu_{\text{tot}}| \neq 0 \quad |d_{\text{tot}}| = 0$$

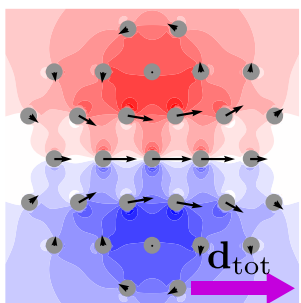
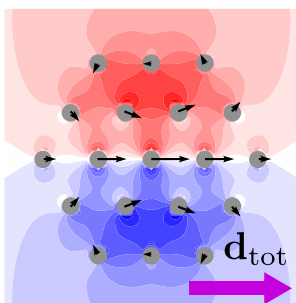
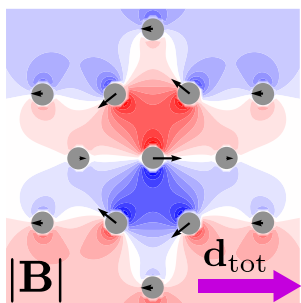
$$|\mu_{\text{tot}}| \neq 0 \quad |d_{\text{tot}}| = 0$$

$$|\mu_{\text{tot}}| \neq 0 \quad |d_{\text{tot}}| = 0$$

b.



c.

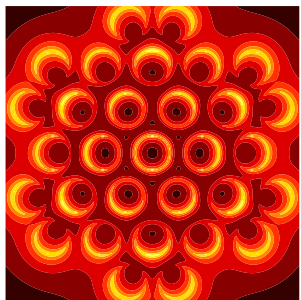
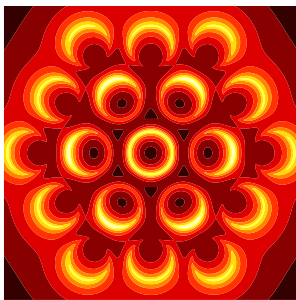


$$|\mu_{\text{tot}}| = 0 \quad |d_{\text{tot}}| \neq 0$$

$$|\mu_{\text{tot}}| = 0 \quad |d_{\text{tot}}| \neq 0$$

$$|\mu_{\text{tot}}| = 0 \quad |d_{\text{tot}}| \neq 0$$

d.



$\Gamma_{\text{EELS}}$