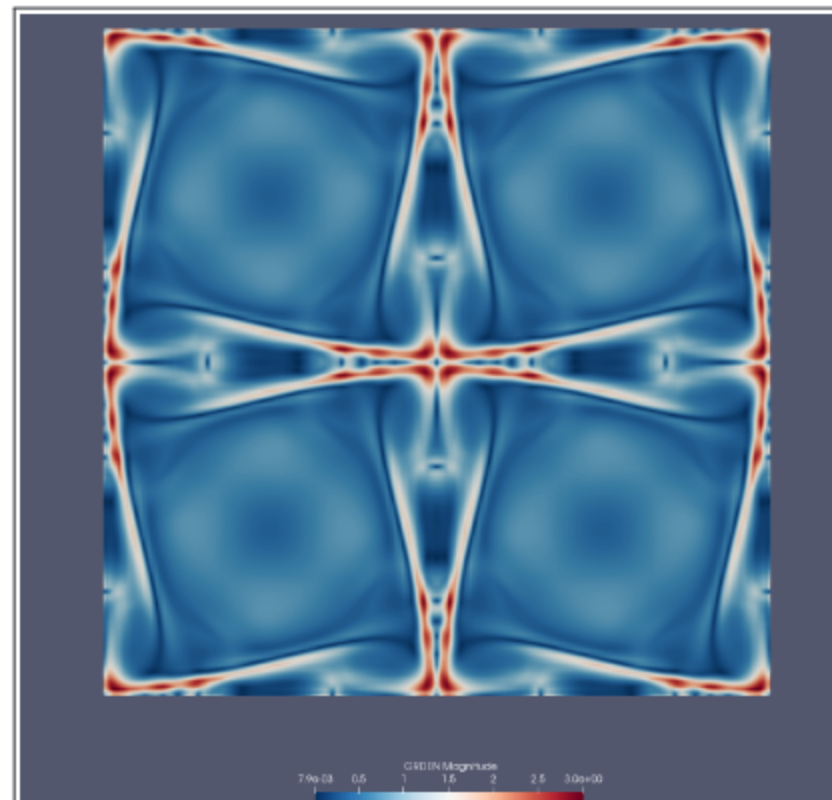
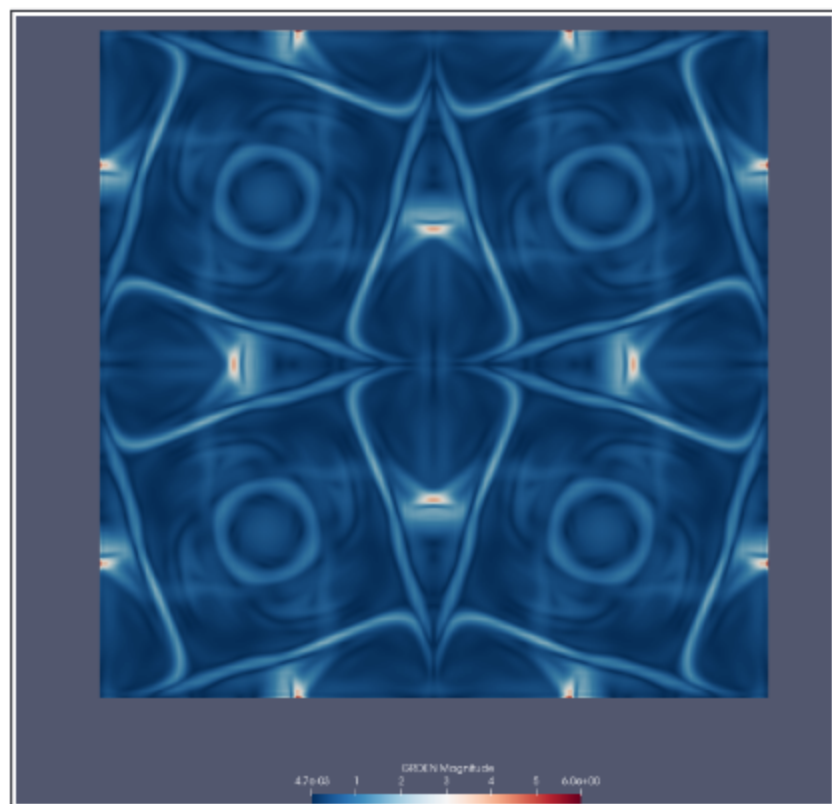


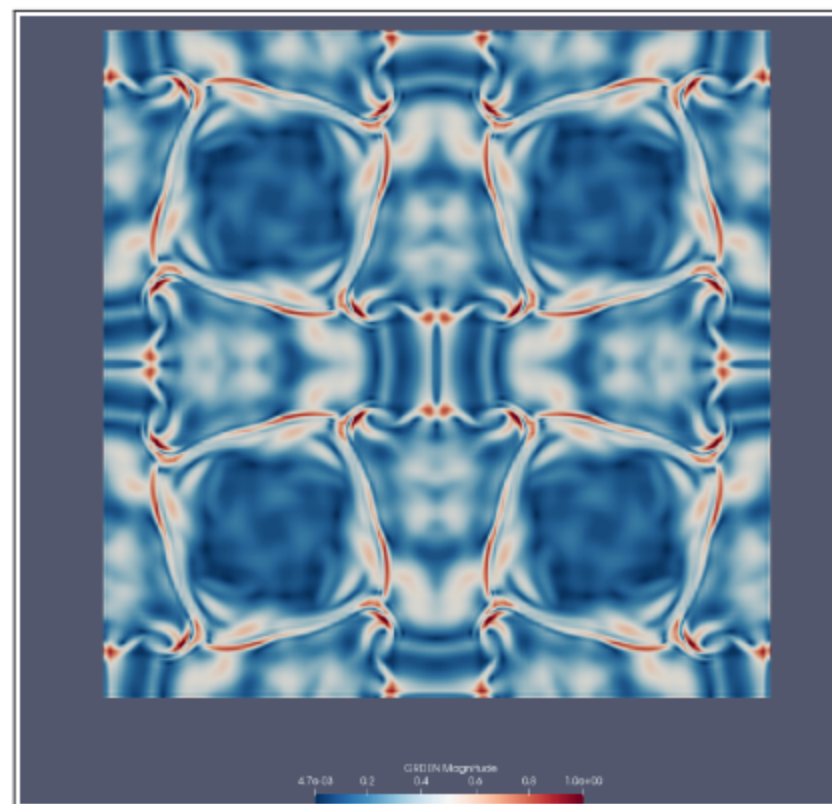
(a)  $t = 2s$



(b)  $t = 7s$



(c)  $t = 15s$



(d)  $t = 20s$