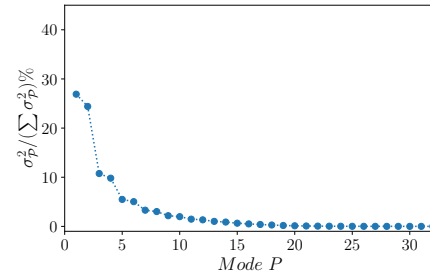
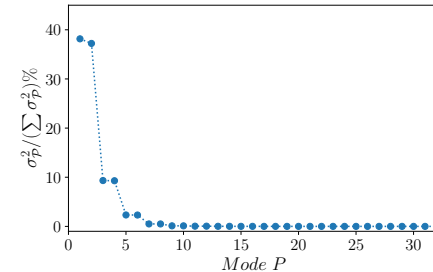


(a) Laminar flow - $S_t = 0$



(b) Laminar flow - $S_t = 0.24$



(c) Laminar flow - $S_t = 0.32$

