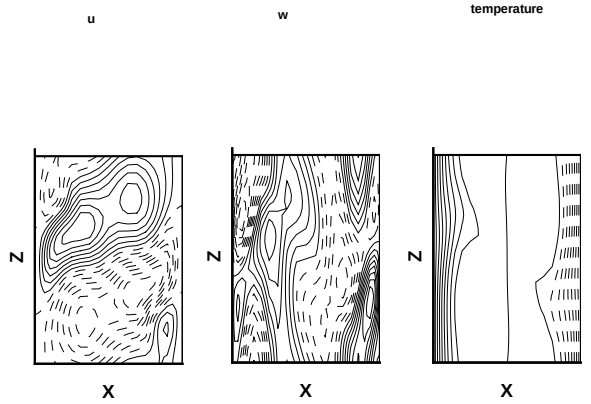


FIG. 1 – *Ecoulements instantanés* - $L_{ref} = 1.45$

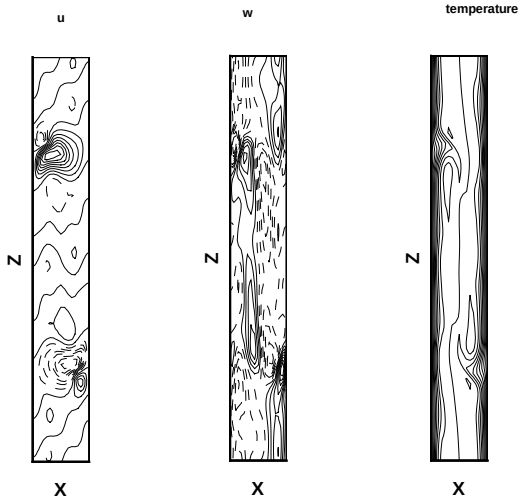
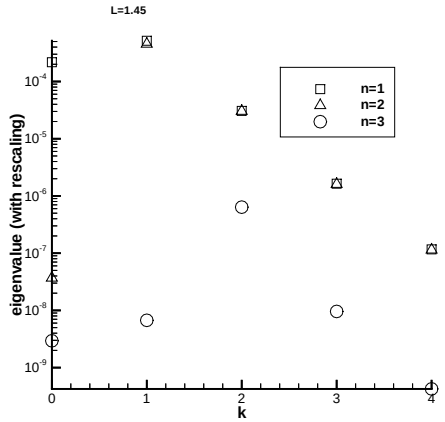


FIG. 2 – *Ecoulements instantanés* - $L_{ref} = 7.25$



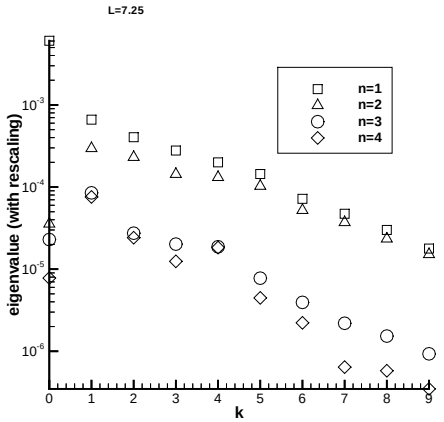


FIG. 3 – *Spectre de la POD*

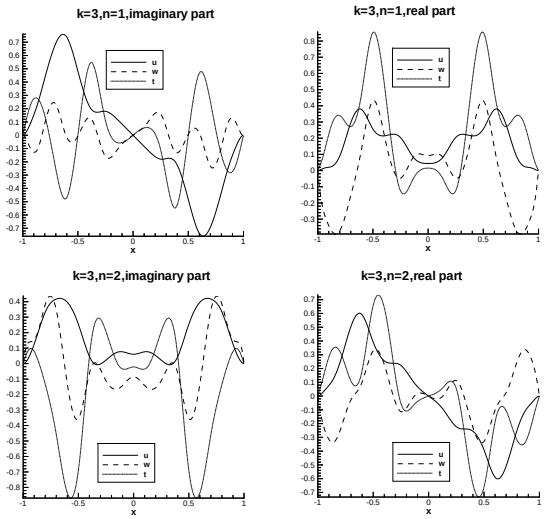


FIG. 4 – *Fonctions propres pour 3eme mode vertical-* $L_{ref} = 1.45$

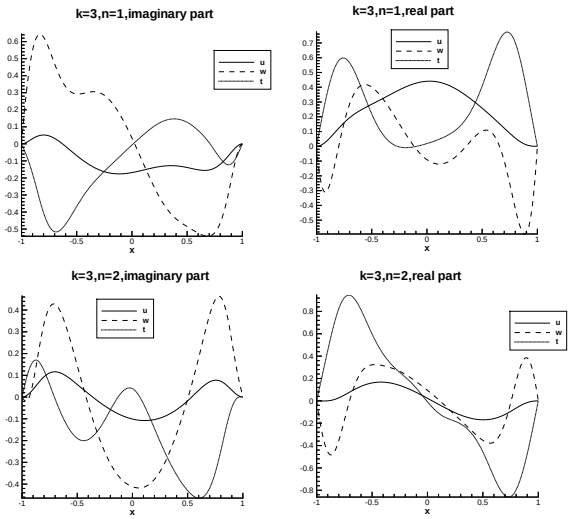


FIG. 5 – *Fonctions propres pour 3eme mode vertical-* $L_{ref} = 7.25$