$$u_t + \frac{\omega_t}{2}$$
 $v_t - \frac{\omega_t}{2}$
 $v_t' - \frac{\omega_t}{2}$
 $v_t'' - \frac{\omega_t}{2}$
 $v_t'' - \frac{\omega_t}{2}$
 $v_t'' - \frac{\omega_t}{2}$