$\frac{\sqrt{5}}{6\omega_1} \frac{\sqrt{17}}{\sqrt{17}}$ 

 $6\omega_2$ 

 $\frac{\sqrt{6}\omega_1}{6\omega_1}(v_{01})$   $\frac{\sqrt{17}}{6\omega_2}(v_{01})$ 

=

=

 $-\frac{\frac{2\sqrt{5}}{3\omega_1}}{\frac{\sqrt{17}}{3\omega_2}}$ 

 $\int \frac{\sqrt{5}}{6\omega_1} (v_{01} + 4v_{02})$ 

 $-2v_{02}$ 

 $\vec{v}_0$ 

(5.43)