$$v_{j} = v_{1}^{\sigma_{0}^{2}} = v_{2}^{\sigma_{1}^{2}}$$

$$v_{2}^{\sigma_{0}^{2}} \underbrace{\star \sigma^{1} \cap \sigma_{0}^{2}}_{\star \sigma^{1} \cap \sigma_{1}^{2}} \underbrace{\star \sigma^{1} \cap \sigma_{1}^{2}}_{\star \sigma^{1}}$$

$$v_{i} = v_{0}^{\sigma_{0}^{2}} = v_{0}^{\sigma_{1}^{2}}$$