$V(\mathcal{S}_a^{\ell}) \setminus \{\kappa_a^{\ell}\} \subset \sigma(V(\mathcal{C}_a^{\ell})) \text{ and} V(\mathcal{S}_b^{\ell}) \setminus \{\kappa_b^{\ell}\} \subset \sigma(V(\mathcal{C}_b^{\ell})).$