

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