Is the Alexander invariant always self-dual or anti-self dual or is it degree-dependent?

Would this be the only constraint on its values?

Is there a universal notion of "quandle with tr(Ad)? What is the projectivization of that notion?

Is there a projectivization-like construction that yields complexes?

What is the projectivization of a non-unital quandle? (\(A \land B) \lor C = (A \land C) \lor (B \lor C)\)