

Question. PA_n^w has a semi-direct product structure:

$$0 \rightarrow \{\text{wheels}\} \longrightarrow PA_n^w \longrightarrow \{\text{trees}\} \rightarrow 0$$

Is there a corresponding decomposition of K_n^w ?

Question. A_n^{pb} has two natural habitats:

$$1. \quad A_n^{pb} \sim \text{gr}(PB_n)$$

$$2. \quad (A_n^{pb})^* \sim H(C_n)$$

What, precisely,
is the relation between
the two?