



$$D_n^+(\{a_s\}_{s \in \mathbb{Z}}) = \{b_s\}_{s \in \mathbb{Z}}, \quad \text{where } b_s = h_{s-n}^+(a_{s-n}) + v_s^+(a_s).$$

The red vertical maps are $v_s^+ : A_s^+ \rightarrow B_s^+$,

The blue maps are $h_s^+ : A_s^+ \rightarrow B_{s+n}^+$ with $n = 5$.