

Converting  $P_c$  to  $P_n$  and  $P_n$  to  $P_c$  (b axis unique)

$$b_n = b_c$$

$$a_n = (-1)a_c + (0)b_c + (-1)c_c$$

$$b_n = (0)a_c + (1)b_c + (0)c_c$$

$$c_n = (1)a_c + (0)b_c + (0)c_c$$

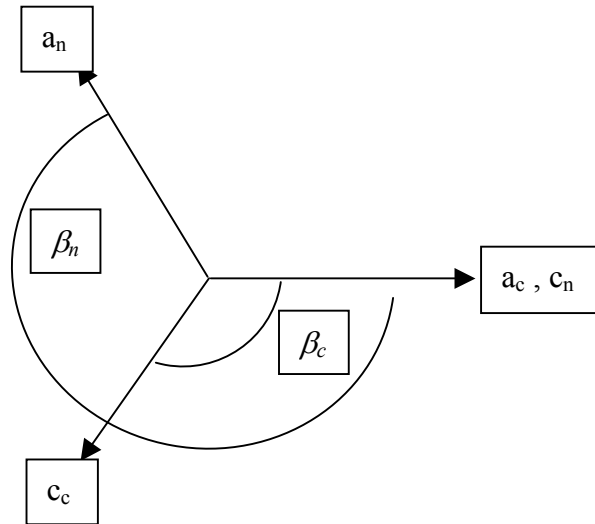
$$a_c = (0)a_n + (0)b_n + (-1)c_n$$

$$b_c = (0)a_n + (1)b_n + (0)c_n$$

$$c_c = (1)a_c + (0)b_c + (-1)c_c$$

$$\beta_n = \beta_c + \frac{1}{2} \beta_c = \frac{3}{2} \beta_c$$

$$\beta_c = \frac{2}{3} \beta_n$$



$$P_{c \rightarrow n} = \begin{pmatrix} -1 & 0 & 1 \\ 0 & 1 & 0 \\ 1 & 0 & 0 \end{pmatrix} \quad P_{n \rightarrow c} = \begin{pmatrix} 0 & 0 & -1 \\ 0 & 1 & 0 \\ 1 & 0 & -1 \end{pmatrix}$$