

division
poly
XDIVP

$$P_0 = A_m v^m + \dots$$

$$Q = k B_n v^n + \dots$$

$$P_1 = 0 \rightarrow \text{err}$$

$$P_1 = B_n \quad DS = n \quad \{AS\} = \frac{1}{R}$$

$$\alpha = 0$$

$$S = 0$$

$$R = P_0$$

$$D_0 = m$$

$$m < n$$

fin

$$W = A_m \frac{v^{m-n}}{k}$$

$$R = B_n R - WQ$$

$$S = B_n S + W$$

$$\alpha = \alpha + 1$$

$$P_1 = B_n P_0 - WQ$$

$$P_0 = \frac{WQ + P_1}{B_n} = \frac{(W_1 B_n + W_2)Q + P_1}{B_n}$$

$$P_2 = B_n P_1 - W_2 Q \quad P_1 = \frac{P_2 + W_2 Q}{B_n}$$