

Kasus $m=n$

Contoh: $G(s) = \frac{16s^8 + 10s^5 + 8s^4 + 6s^3 + 4s^2 + 2s + 1}{8s^8 + 7s^6 + 6s^4 + 5s^2 + 4}$

Polynomial s penyebut sama dengan contoh sebelumnya $\rightarrow$ matrix A dan B harus sama dengan contoh sebelumnya

Bagaimana dengan matrix C dan D

$$\begin{array}{l} m=8 \rightarrow \\ \left[\begin{array}{c} b_0 \quad \dots \quad b_7 \end{array} \right] \\ \quad [1 \times 8] \end{array} \quad \begin{array}{l} b_0 = 1 \\ b_1 = 2 \\ b_2 = 4 \\ b_3 = 6 \end{array} \quad \begin{array}{l} b_4 = 8 \\ b_5 = 10 \\ b_6 = 0 \\ b_7 = 0 \end{array} \quad \begin{array}{l} b_8 = 16 \\ \underbrace{\quad\quad\quad}_{???} \end{array}$$