

KERTOLASKU KLASSISELLA MENETELMÄLLÄ MATRIISILASKENNAN MENETELMIN

$$\begin{array}{|ccc|} \mathbf{x} & \begin{array}{|ccccc|} \mathbf{v}_2 & \mathbf{v}_1 & \mathbf{v}_0 & 0 & 0 \\ 0 & \mathbf{v}_2 & \mathbf{v}_1 & \mathbf{v}_0 & 0 \\ 0 & 0 & \mathbf{v}_2 & \mathbf{v}_1 & \mathbf{v}_0 \end{array} & = \end{array}$$

$$\begin{array}{|ccc|} \mathbf{x} & \begin{array}{|ccccc|} 0 & 0 & \mathbf{v}_2 & \mathbf{v}_1 & \mathbf{v}_0 \\ 0 & \mathbf{v}_2 & \mathbf{v}_1 & \mathbf{v}_0 & 0 \\ \mathbf{v}_2 & \mathbf{v}_1 & \mathbf{v}_0 & 0 & 0 \end{array} & = \end{array}$$

$$\begin{array}{|l} (u_2v_2) \cdot (10^4) ; (u_1v_2+u_2v_1) \cdot (10^3) ; \\ (u_0v_2+u_1v_1+u_2v_0) \cdot (10^2) ; (u_0v_1+u_1v_0) \cdot (10^1) ; \\ (u_0v_0) \cdot (10^0) \end{array}$$

$$\begin{array}{|ccc|} \mathbf{x} & \begin{array}{|c|} \mathbf{v}_2 \\ \mathbf{v}_1 \\ \mathbf{v}_0 \end{array} & = & \begin{array}{|l} (u_2v_2) \\ (u_1v_2+u_2v_1) \\ (u_0v_2+u_1v_1+u_2v_0) \\ (u_0v_1+u_1v_0) \\ (u_0v_0) \end{array} & \begin{array}{|l} \cdot (10^4) \\ \cdot (10^3) \\ \cdot (10^2) \\ \cdot (10^1) \\ \cdot (10^0) \end{array} \end{array}$$