

\mathcal{B} $\underbrace{\hspace{10em}}$

$$A = \left(\begin{array}{ccc|c} & 1 & & \\ 1 & 1 & 1 & \\ & 0 & & \\ 1 & 1 & 1 & \\ & 1 & & \\ & 0 & & \end{array} \right) \Bigg\} \mathcal{V}$$