

$$A = \begin{pmatrix} 0, 1, 0, 0, 0, 0, 0, 1, 0, 0 \\ 0, 0, 1, 0, 0, 0, 0, 0, 0, 0 \\ 1, 0, 0, 1, 0, 0, 0, 0, 0, 1 \\ 1, 0, 0, 0, 0, 0, 1, 0, 0, 0 \\ 0, 0, 0, 0, 0, 1, 1, 1, 0, 0 \\ 0, 0, 1, 0, 1, 0, 0, 0, 1, 0 \\ 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 \\ 0, 1, 0, 0, 0, 0, 0, 1, 0, 1 \\ 0, 0, 0, 1, 0, 0, 0, 0, 1, 0 \\ 0, 1, 1, 0, 1, 0, 0, 0, 0, 0 \end{pmatrix} \mapsto \text{BRC}(A) = \begin{matrix} [[1, 7], \\ [2], \\ [0, 3, 9], \\ [0, 6], \\ [5, 6, 7], \\ [2, 4, 8], \\ [], \\ [1, 7, 9], \\ [3, 8], \\ [1, 2, 4]] \end{matrix}$$