

In-class Exercise 9

(PAR 13)

- Given F and R , compute the blocking matrix and the covering matrix with respect to $c = 010$

$$\begin{array}{r} \mathbf{F} = \\ \mathbf{R} = \end{array} \begin{array}{ccc} 0 & 1 & 0 \\ 1 & 0 & 1 \\ 0 & 1 & 1 \\ 1 & 2 & 0 \end{array} \quad \begin{array}{ccc} 1 & 1 & 1 \\ 0 & 0 & 2 \end{array}$$

- Provide all valid column covers of B . Which column cover is "best"?

$$\mathbf{B} = \begin{array}{ccc} 1 & 1 & 1 \\ 1 & 1 & 0 \end{array}$$