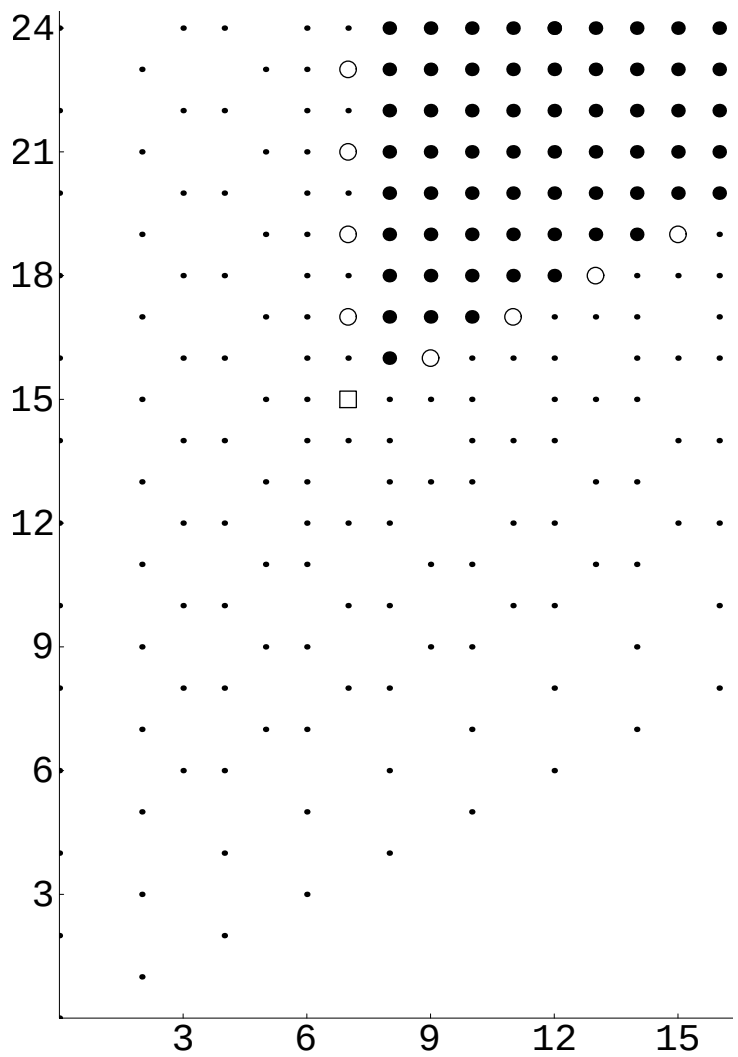

The submonoid of $\mathbb{Z}^2$ generated by $\mathbf{v}_1 = \begin{bmatrix} 2 \\ 1 \end{bmatrix}$, $\mathbf{v}_2 = \begin{bmatrix} 0 \\ 2 \end{bmatrix}$, $\mathbf{v}_3 = \begin{bmatrix} 3 \\ 6 \end{bmatrix}$. The open box is λ, the large black dots are $\mathcal{C}$, the small black dots are the rest of $\mathcal{S}$, and the open circles are the points (other than λ) in $\lambda + (\mathcal{S} \cap (\sigma \backslash \overset{\circ}{\sigma})$ (which are not in $\mathcal{S}$).