

0.0.1 Estels Problem

$$\begin{aligned} -\frac{y}{2y-1} &\geq 0; \quad | \cdot (-1) \\ \frac{y}{2y-1} &\leq 0; \quad | \cdot (2y-1) \\ y &\leq 0; \quad | \cdot (2y-1) \\ \Rightarrow (y \leq 0 \wedge y \geq \frac{1}{2}) \vee (y \geq 0 \wedge y < \frac{1}{2}); \end{aligned}$$