



DESNI / LIJEVI BRID UJETA:

$$y_i < y_{i+1} \quad \text{LIJEVI}$$

$$y_i > y_{i+1} \quad \text{DESNI}$$

$$\overline{AB} \Rightarrow y_A < y_B \Rightarrow \text{LIJEVI}$$

$$\overline{BC} \Rightarrow y_B > y_C \Rightarrow \text{DESNI}$$

$$\overline{CD} \Rightarrow y_C < y_D \Rightarrow \text{LIJEVI}$$

$$\overline{DA} \Rightarrow y_D > y_A \Rightarrow \text{DESNI}$$

JEDNAŽBE PRAVACA

\overline{AB}

$$y - 50 = \frac{150 - 50}{50 - 100} (x - 100)$$

$$y = -2(x - 100) + 50$$

$$\boxed{y = -2x + 250}$$

\overline{CD}

$$y - 100 = \frac{150 - 100}{150 - 100} (x - 100)$$

$$\boxed{y = x}$$

$$y - y_s = \frac{y_E - y_s}{x_E - x_s} (x - x_s)$$

\overline{BC}

$$y - 150 = \frac{100 - 150}{100 - 50} (x - 50)$$

$$y = -(x - 50) + 150$$

$$\boxed{y = -x + 200}$$

\overline{DA}

$$y - 150 = \frac{50 - 150}{100 - 150} (x - 150)$$

$$y = +2(x - 150) + 150$$

$$\boxed{y = 2x - 150}$$

NPR:

$$L = X_{\min} = -\infty$$

$$D = X_{\max} = +\infty$$

ISPITUJEMO SJEČIŠTA SVIH PRAVACA SA $Y=50$

1. $\overline{AB} \Rightarrow$ LIJEVI BRID

$$~~Y(90) = Y=50~~$$

$$90 = -2x + 250$$

$$2x = 250 - 90$$

$$x = 80$$

$$\underline{x > L}$$

$$\underline{L = 80}$$

2. $\overline{BC} \Rightarrow$ DESNI BRID

$$Y=50$$

$$90 = -x + 200$$

$$x = 200 - 90$$

$$\underline{x = 110}$$

$$\underline{x < D}$$

$$\underline{D = 110}$$

LINIJA SE ISCRTAVA OD TOČKE $T_1(90, 90)$
DO TOČKE $T_2(110, 90)$

3. $\overline{CD} \Rightarrow$ LIJEVI BRID

$$Y=50$$

$$\underline{90 = x}$$

$$\underline{x > L}$$

$$\underline{L = 90}$$

4. $\overline{DA} \Rightarrow$ DESNI BRID

$$Y=50$$

$$90 = 2x - 150$$

$$2x = 90 + 150$$

$$\underline{x = 120}$$

$$\underline{\cancel{x < D}}$$