

3. Fall
 $\lambda_{1,2,3} = 0$

$$2(x_1 - 1.5) - \lambda_4 \Leftrightarrow 2x_1 - 3 = \lambda_4 \approx -4.865115$$

$$11(x_2 - 1)^3 - \lambda_4 = 0$$

$\lambda \neq 0$ negativ

$$\lambda_4(-1 - x_1 - x_2) = 0$$

$$x_2 = -1 - x_1$$

$$11(x_1 - 2)^3 - 2x_1 + 3 = 0$$

$$x_1 \approx -0.9826577511313$$

$$x_2 = -1.9826577511313$$