S.171/15b

b) $\mathbb{D} = \mathbb{R} \setminus \{-2\}$;

keine Symmetrie zum KOSY ;

Nullstellen:

$x_1 = -1$;

$x_2 = 2$;

$f'(x) = \frac{x^2+4x}{(x+2)^2}$;

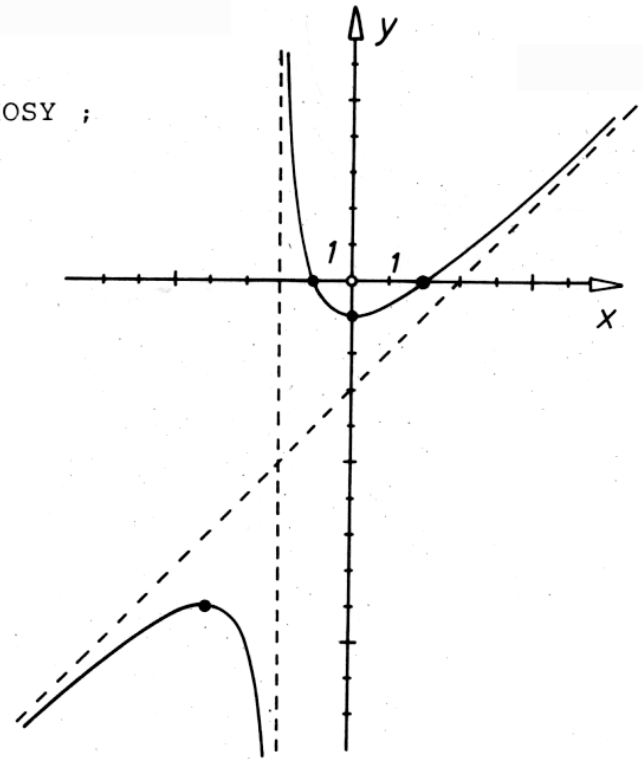
$f''(x) = \frac{8}{(x+2)^3}$;

Hochpunkt:

$x_3 = -4$; $y_3 = -9$;

Tiefpunkt:

$x_4 = 0$; $y_4 = -1$;



Kein Wendepunkt!

$\mathbb{W} = \mathbb{R} \setminus]-9;-1[$