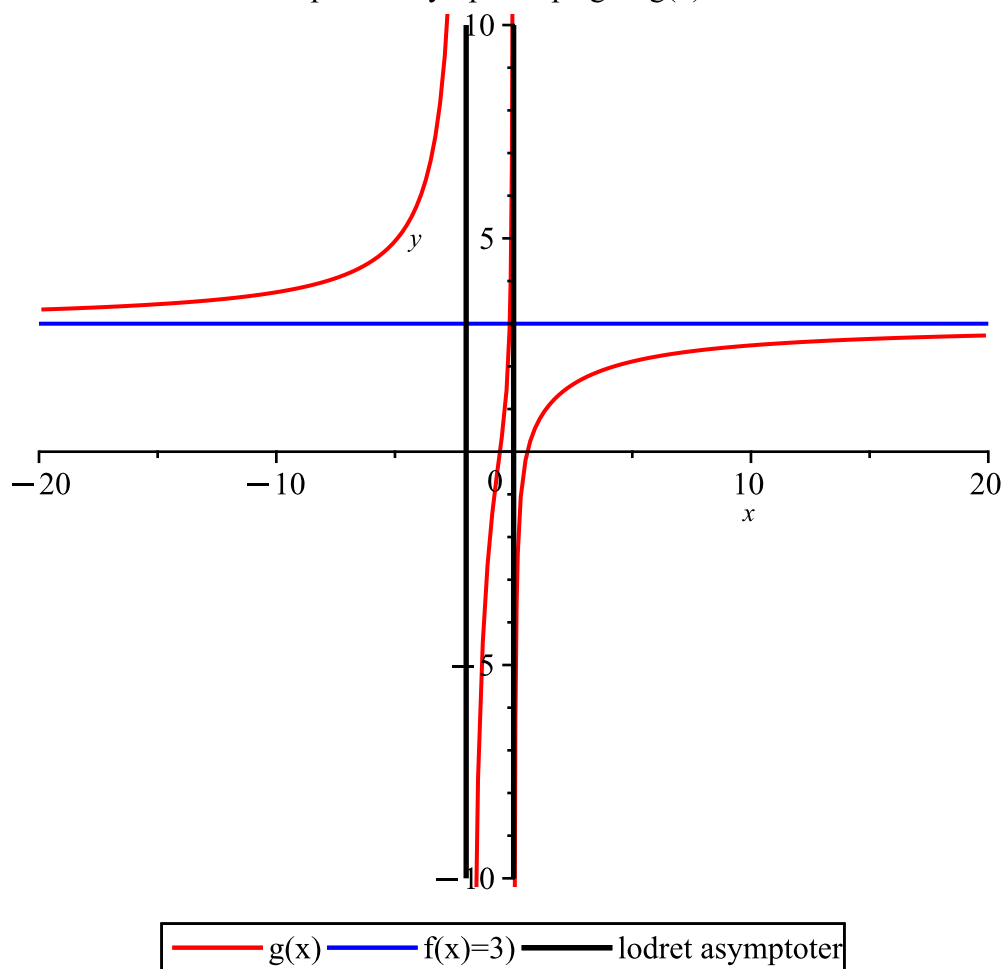


```

> restart
> with(plots) :
> g(x) :=  $\frac{3x^2 - 1}{x^2 + 2x}$ 
<math display="block">g := x \mapsto \frac{3 \cdot x^2 - 1}{x^2 + 2 \cdot x}
> plot1 := plot(g(x), x=-20..20, y=-10..10, color=red, legend="g(x)") :
>
> f(x) := 3 :
>
> plot2 := plot(f(x), x=-20..20, color=blue, legend="horisontal asymptote") :
> plot3 := implicitplot( {x=0, x=-2}, x=-20..20, y=-10..10, color=black, thickness=2,
    legend="lodret asymptoter") :
>
> display(plot1, plot2, plot3, title="plot af asymptoter på graf g(x)")
plot af asymptoter på graf g(x)

```



(1)

