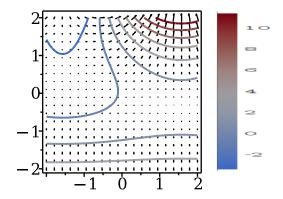
```
> restart: with(LinearAlgebra): with(VectorCalculus): with(plots):
    with(plottools):
    SetCoordinates(cartesian[x,y]):
    f := (x,y)→sin(x)·exp(y) + y²:
    gradient := Gradient(f(x,y)):
    fig1:=gradplot(f(x,y),x=-2..2,y=-2..2, axes=boxed,scaling=constrained):
    display(fig1):
    # ii)
    solve(f(x,y) = c,x):
    fig2 := contourplot(f(x,y), x=-2..2, y=-2..2, axes = boxed, scaling = constrained):
    display(fig2):
    # Now simply display them together
    display(fig1, fig2)
```



```
> angle := convert \left( evalf \left( arctan \left( \frac{gradient\_adapted\_2}{gradient\_adapted\_1} \right) \right), degrees \right)
angle := 71.09038174 degrees  (2)
```