▷ **Exercice** - *Fonction de deux variables et surface représentative*

A chaque fonction définie ci-dessous (1-6), associer sa surface représentative (A-F).
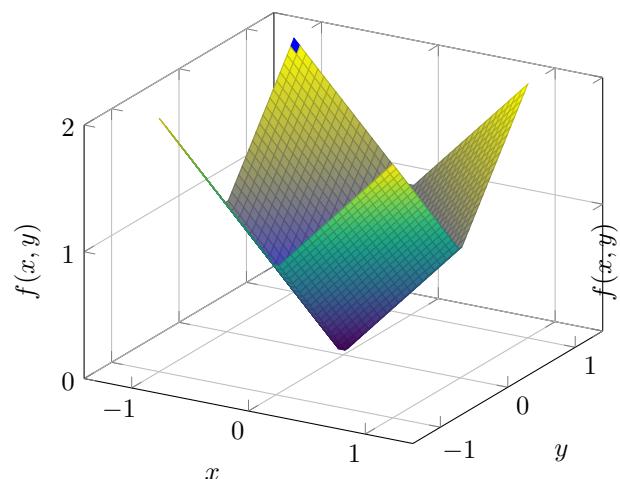
1. $f(x,y) = |x| + |y|$
2. $f(x,y) = |xy|$
3. $f(x,y) = \frac{1}{1+x^2+y^2}$
4. $f(x,y) = (x^2 - y^2)^2$
5. $f(x,y) = (x-y)^2$
6. $f(x,y) = \sin(|x| + |y|)$
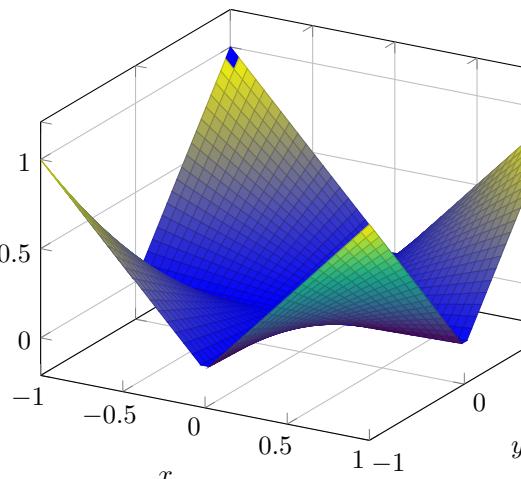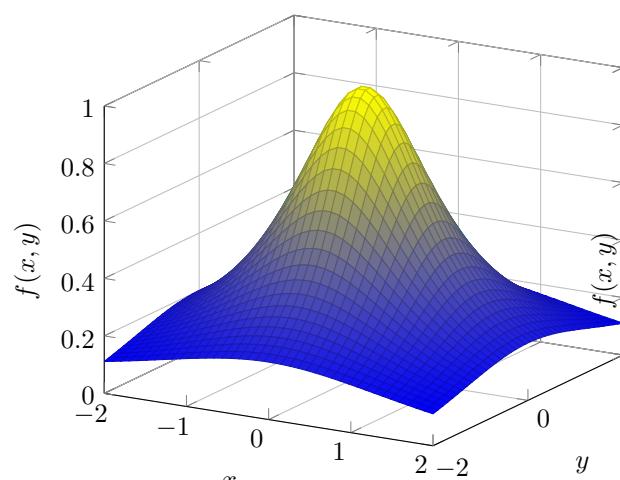
Surface A
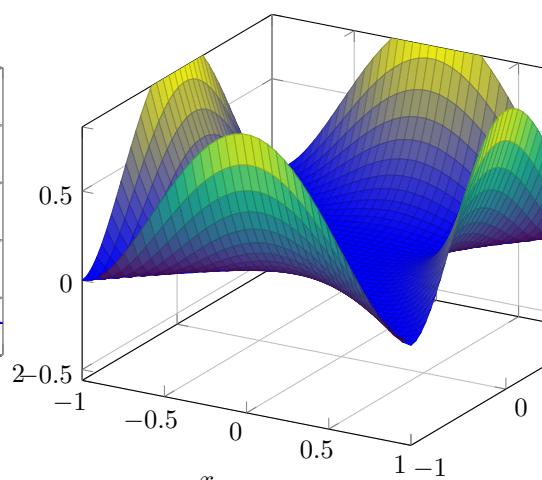
Surface B
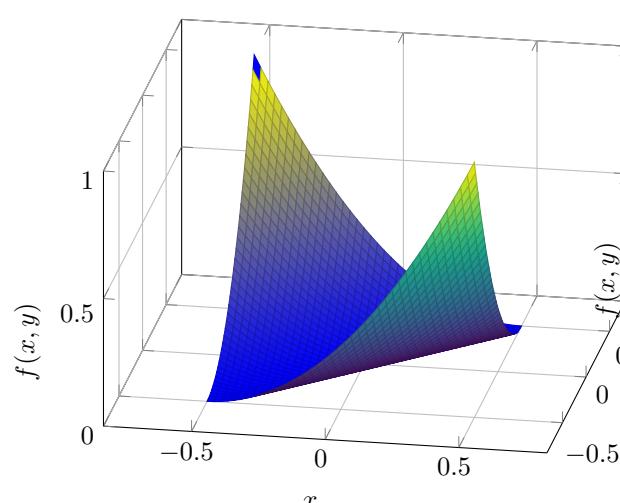
Surface C

Surface D

Surface E

Surface F