

Fonctions de deux variables

4 septembre 2025

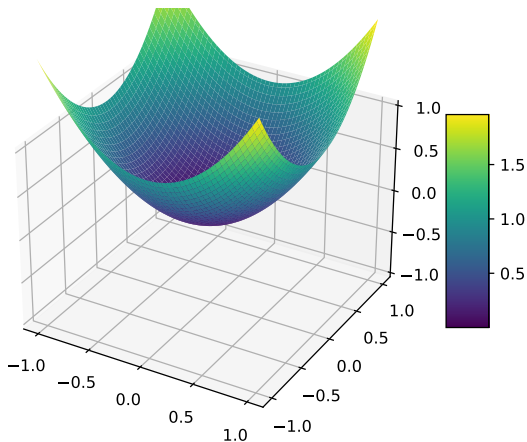


Figure – Surface représentative de $f : (x, y) \in \mathbb{R}^2 \mapsto x^2 + y^2$.

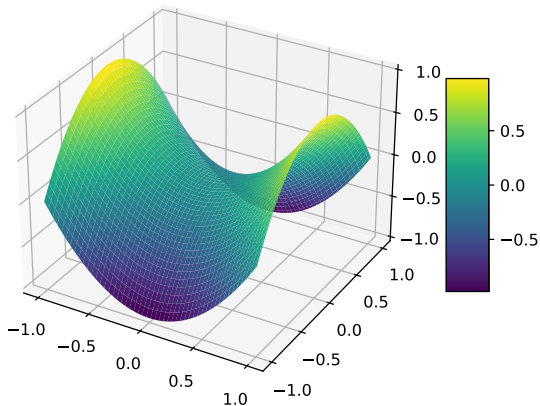


Figure – Surface représentative de $f : (x, y) \in \mathbb{R}^2 \mapsto x^2 - y^2$.

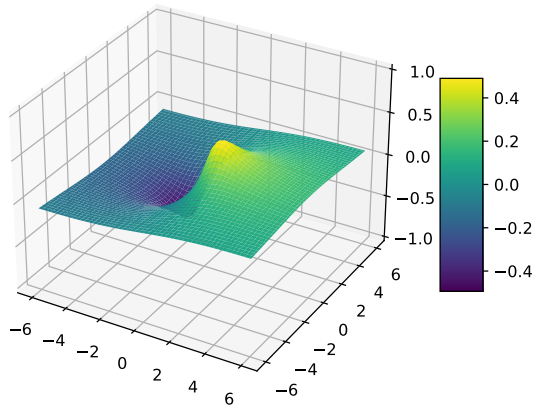


Figure – Surface représentative de $f : (x, y) \in \mathbb{R}^2 \mapsto \frac{x}{x^2 + y^2 + 1}$.

Lignes de niveau

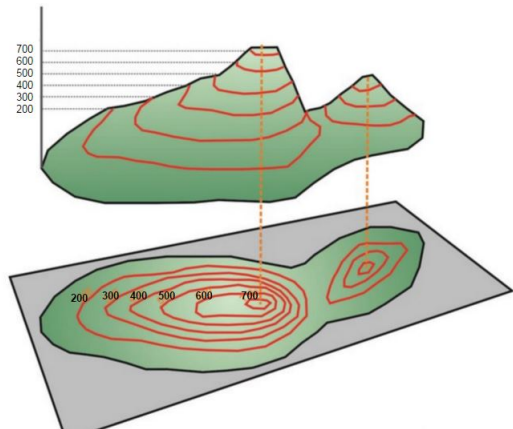


Figure – Lignes de niveau d'altitude.

Lignes de niveau

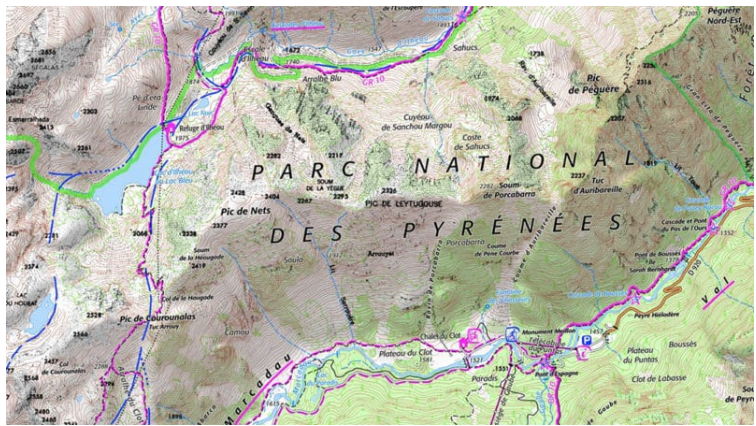


Figure – Lignes de niveau d'altitude.

Lignes de niveau

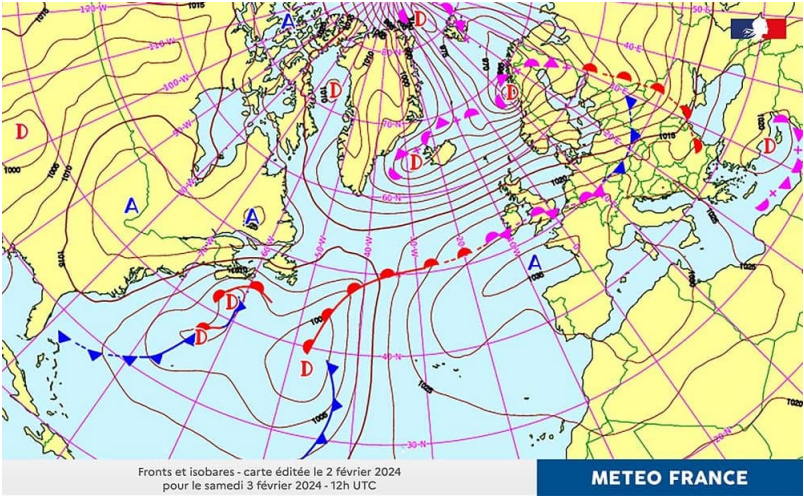


Figure – Lignes isobares.

Surface
représentative

Lignes de
niveau

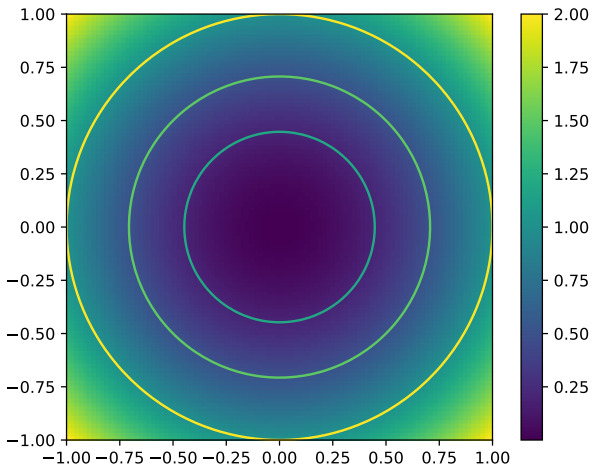


Figure – Lignes de niveau de $f : (x, y) \in \mathbb{R}^2 \mapsto x^2 + y^2$.

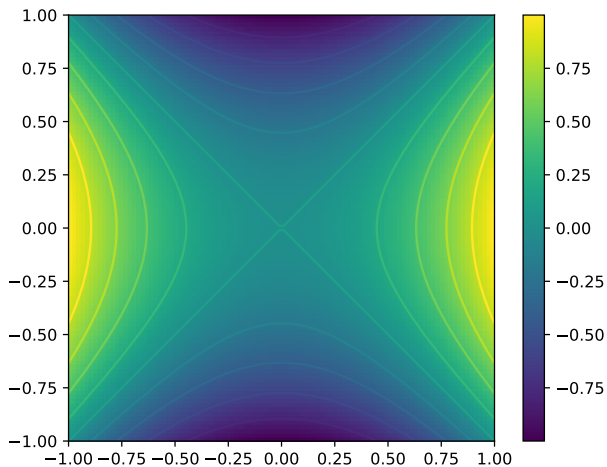


Figure – Lignes de niveau de $f : (x, y) \in \mathbb{R}^2 \mapsto x^2 - y^2$.

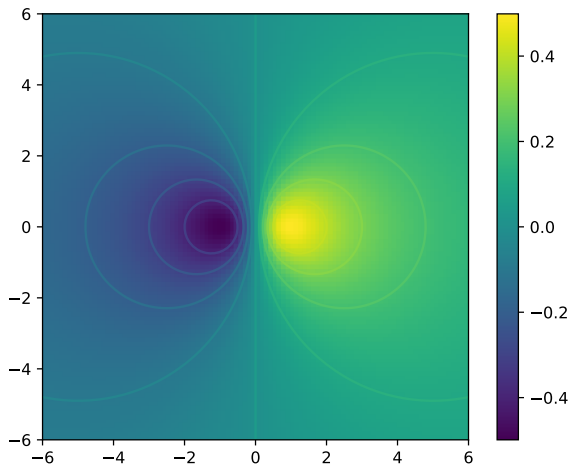


Figure – Lignes de niveau de $f : (x, y) \in \mathbb{R}^2 \mapsto \frac{x}{x^2 + y^2 + 1}$.