

**UNAH**  
UNIVERSIDAD NACIONAL  
AUTÓNOMA DE HONDURAS

# Herramientas computacionales, un paseo por Beamer.

Jose Alvarenga

30 de noviembre de 2023

# Tabla de contenidos

- 1 Creando un documento en Beamer
- 2 Hablando de Números complejos
- 3 Generando un video usando Frames
- 4 Bibliografias

# Introducción

Esta es una presentación donde se explicarán algunos comandos en Beamer.

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# Temas de variable compleja

A continuación se define el conjunto de los números complejos:

## Definición (Números complejos)

Se define el conjunto de los números complejos como:

$$\mathbb{C} = \{a + bi \mid a, b \in \mathbb{R}\}. \text{ Donde, ...}$$

# Efectos en Beamer

- Esto aparece al inicio.
- Esto aparece despues del primer item.
- Parte 3
- Parte 4

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# Guionando un razonamiento

El siguiente razonamiento es válido:

$$\begin{aligned}|46 \sin(x) + 69 \cos(x)y - 23| &= 23|2 \sin(x) + 3 \cos(x)y - 1| \\&\leq 23(|2 \sin(x)| + |3 \cos(x)y| + |-1|) \\&= 23(2|\sin(x)| + 3|\cos(x)y| + 1) \\&= 23(2|\sin(x)| + 3|\cos(x)||y| + 1) \\&\leq 23(2(1) + 3(1)|y| + 1) \\&= 46 + 69|y| + 23 \\&= 69 + 69|y| \\&= 69(1 + |y|)\end{aligned}$$

En conclusión  $|46 \sin(x) + 69 \cos(x)y - 23| \leq 69(1 + |y|)$ .

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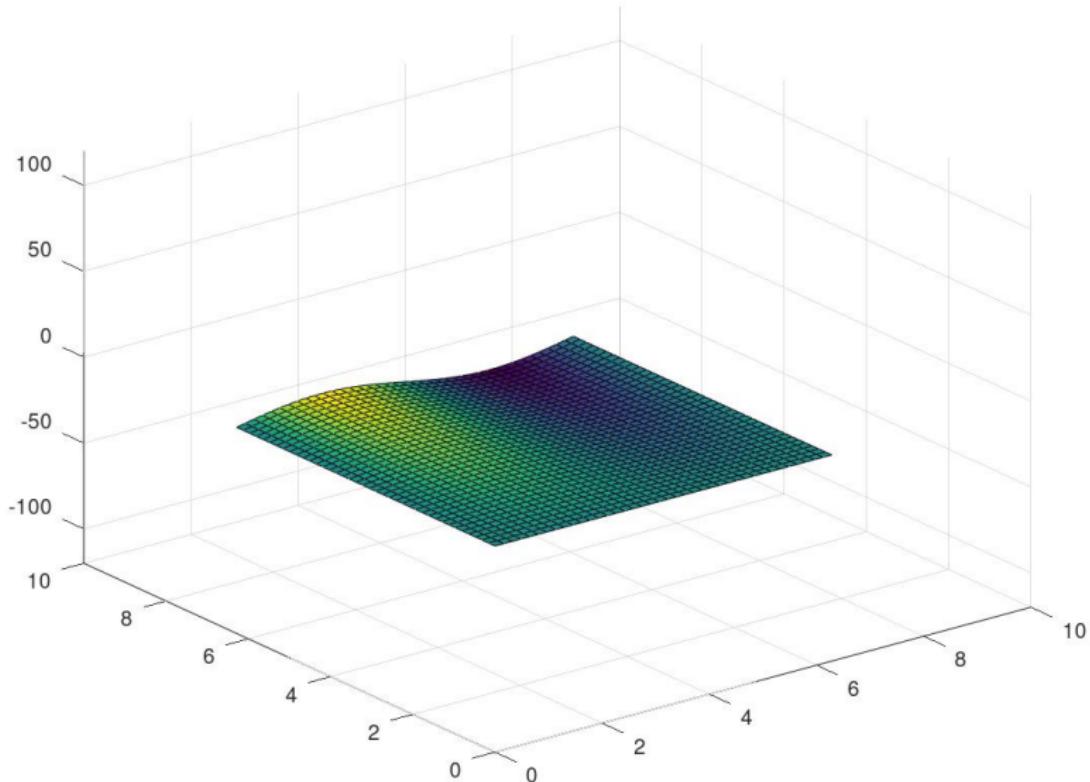
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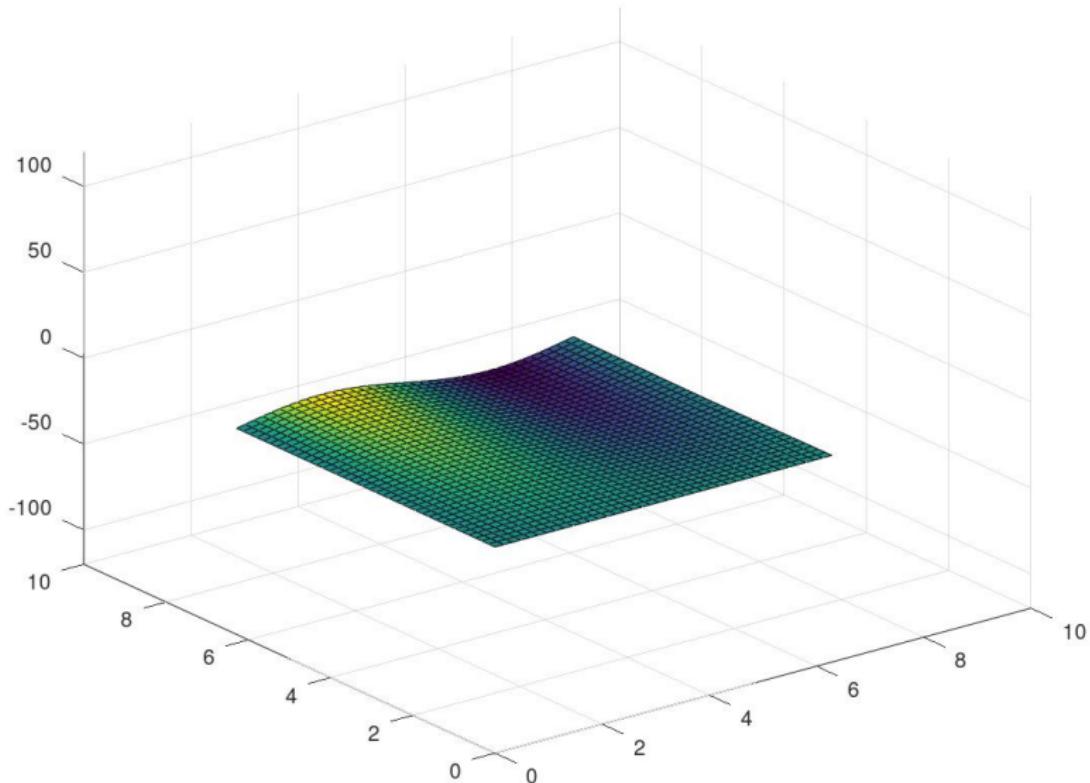
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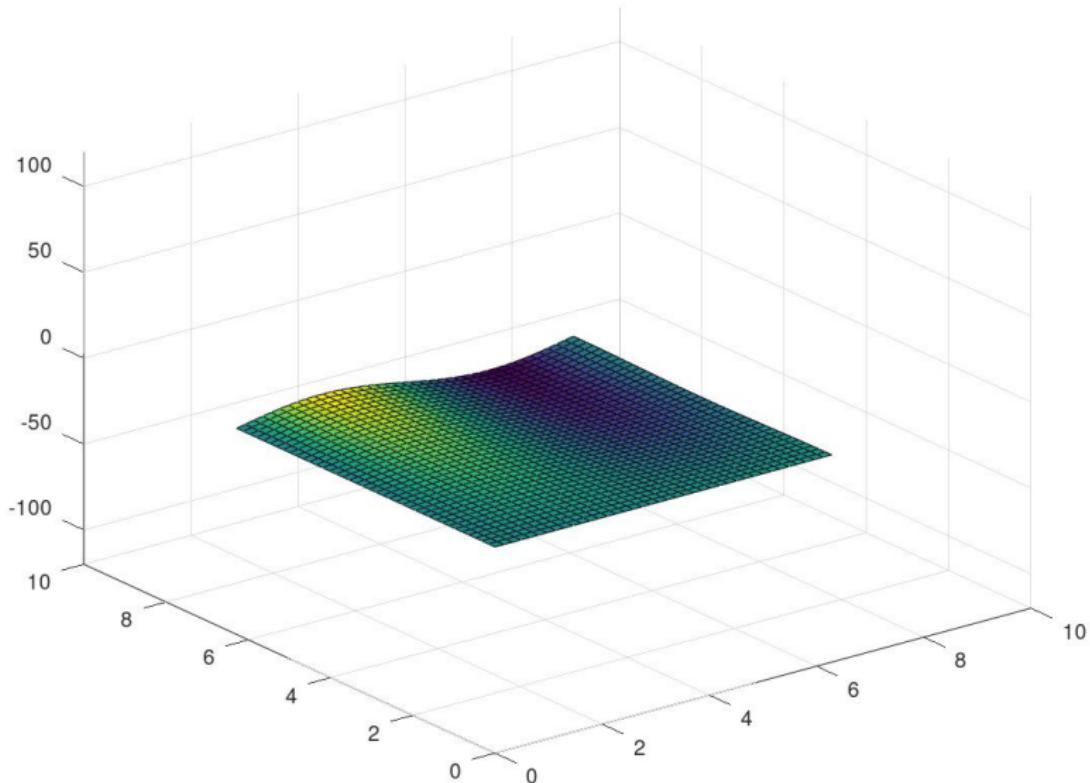
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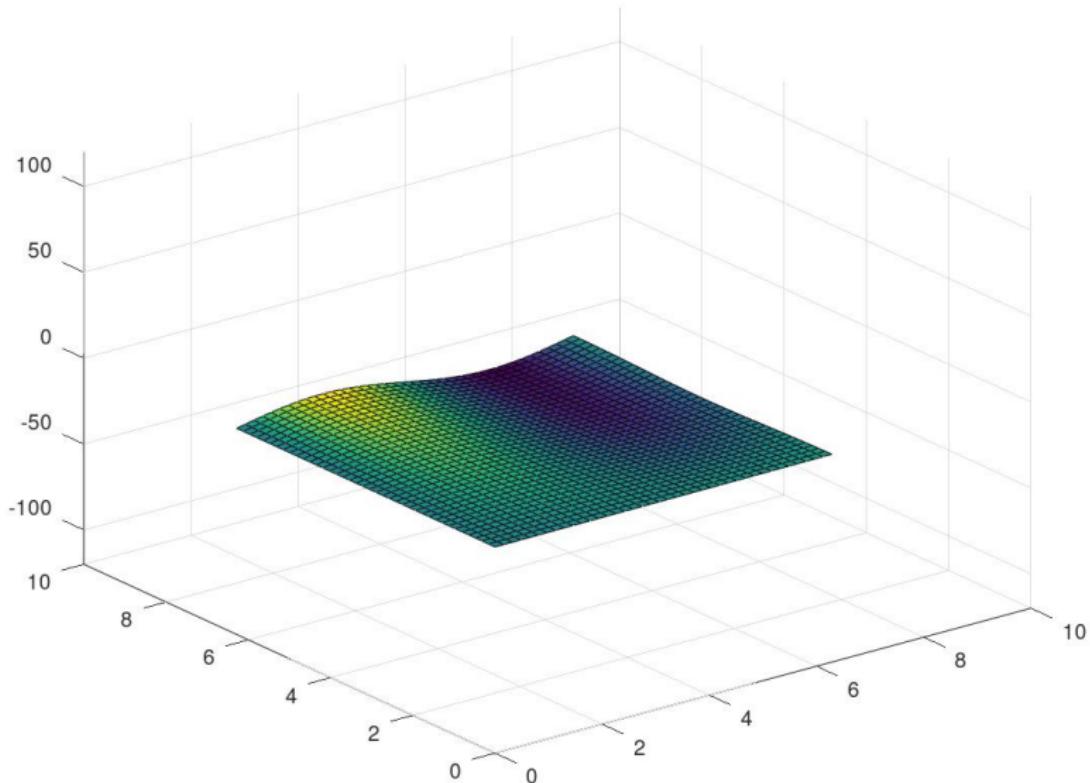
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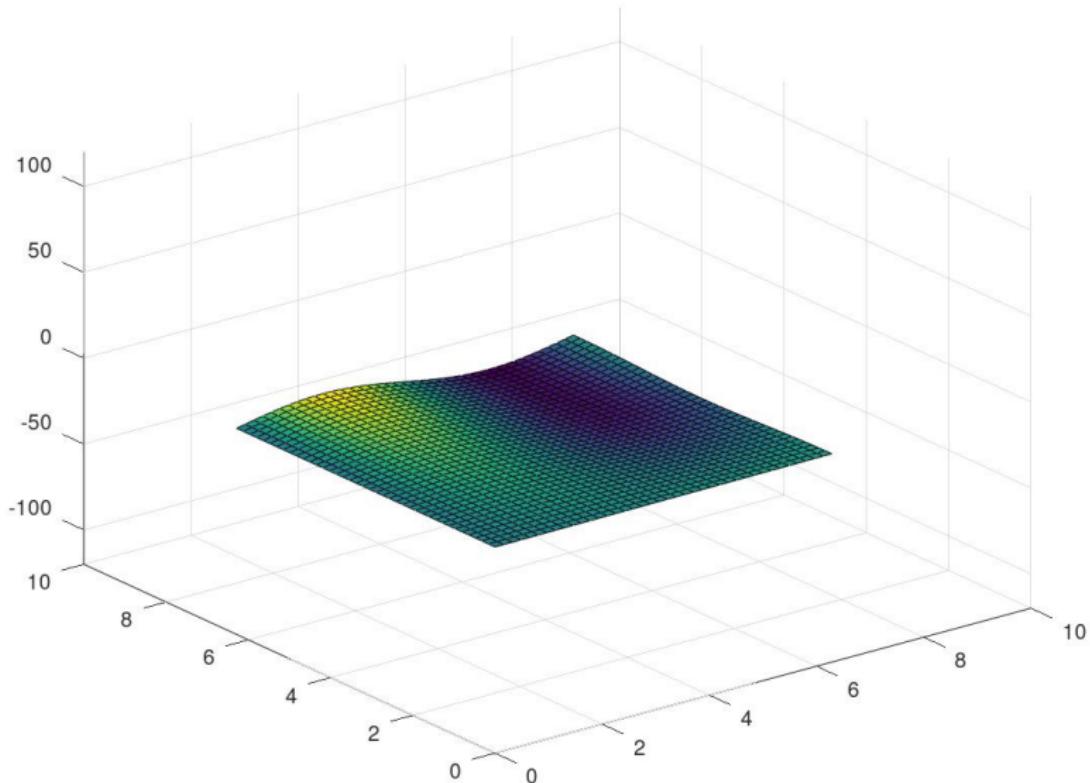
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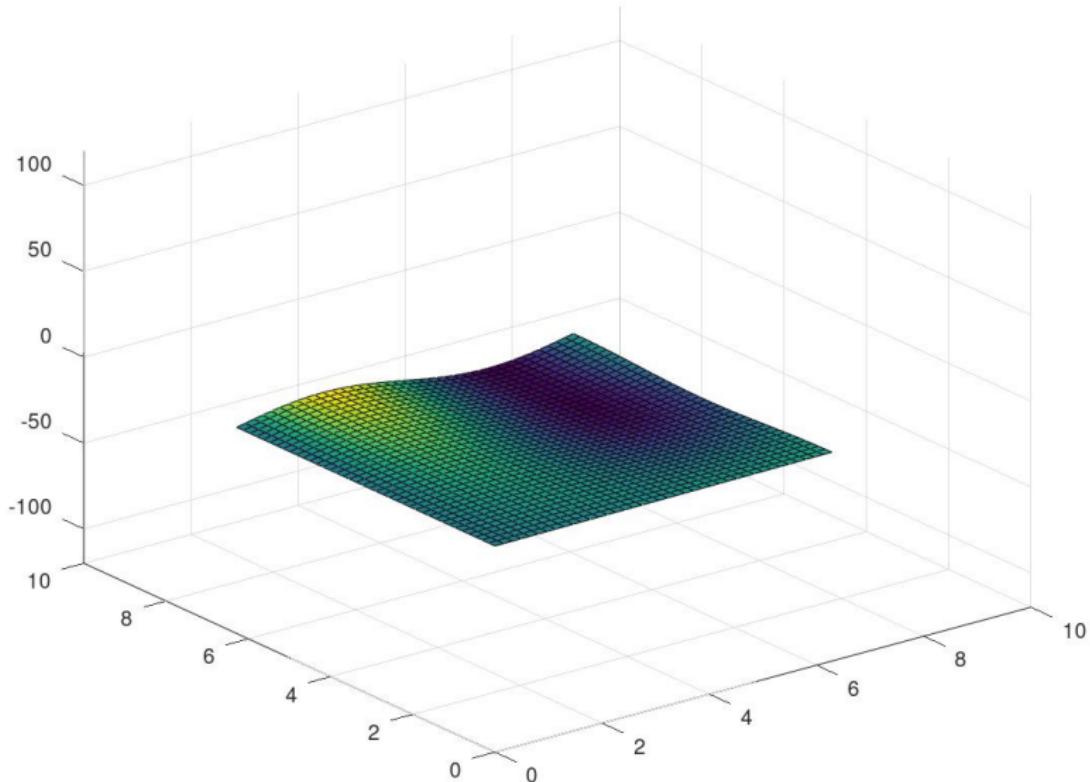


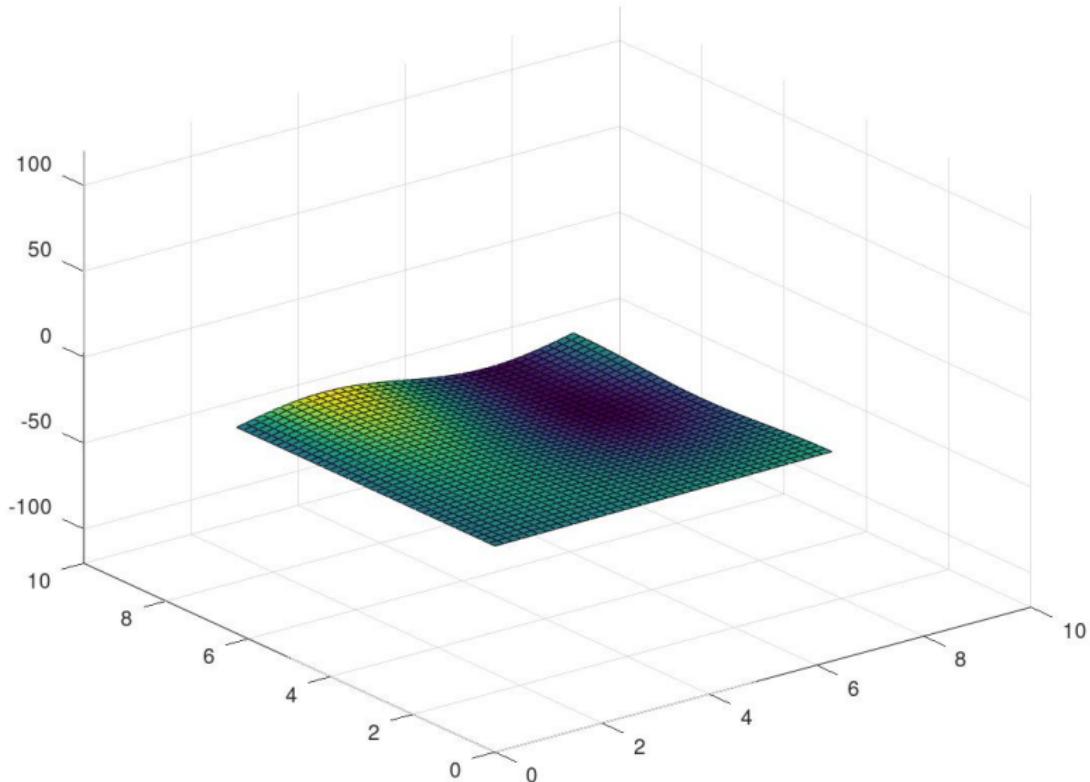


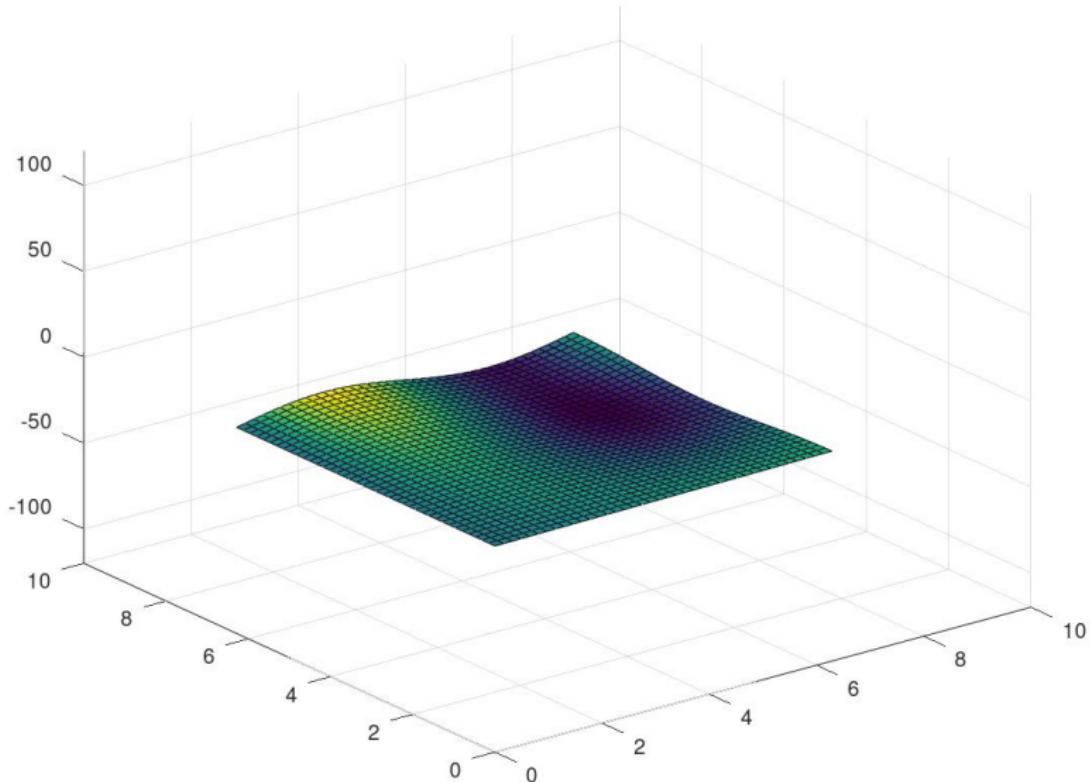


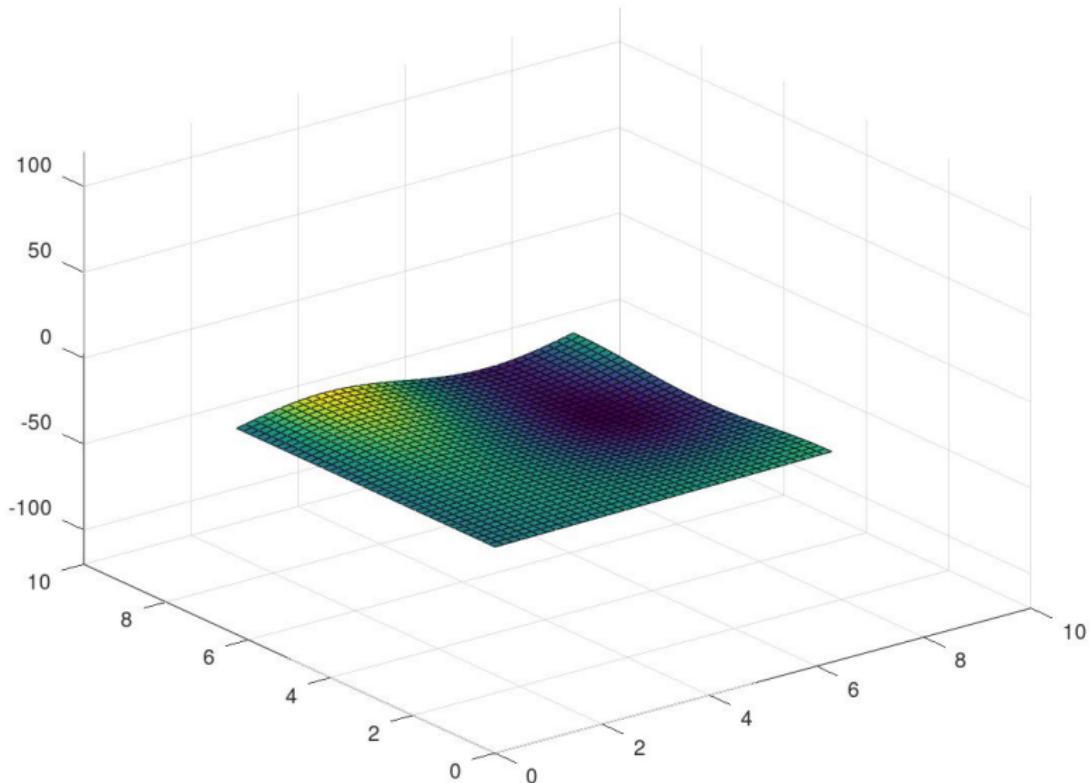


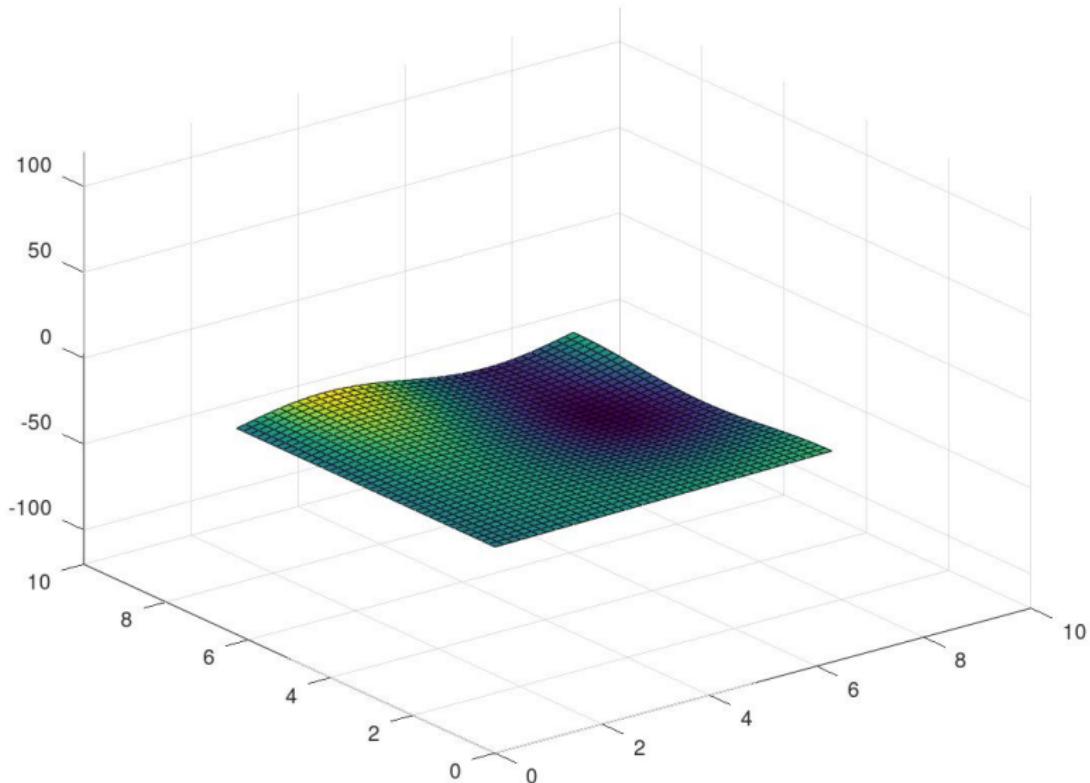


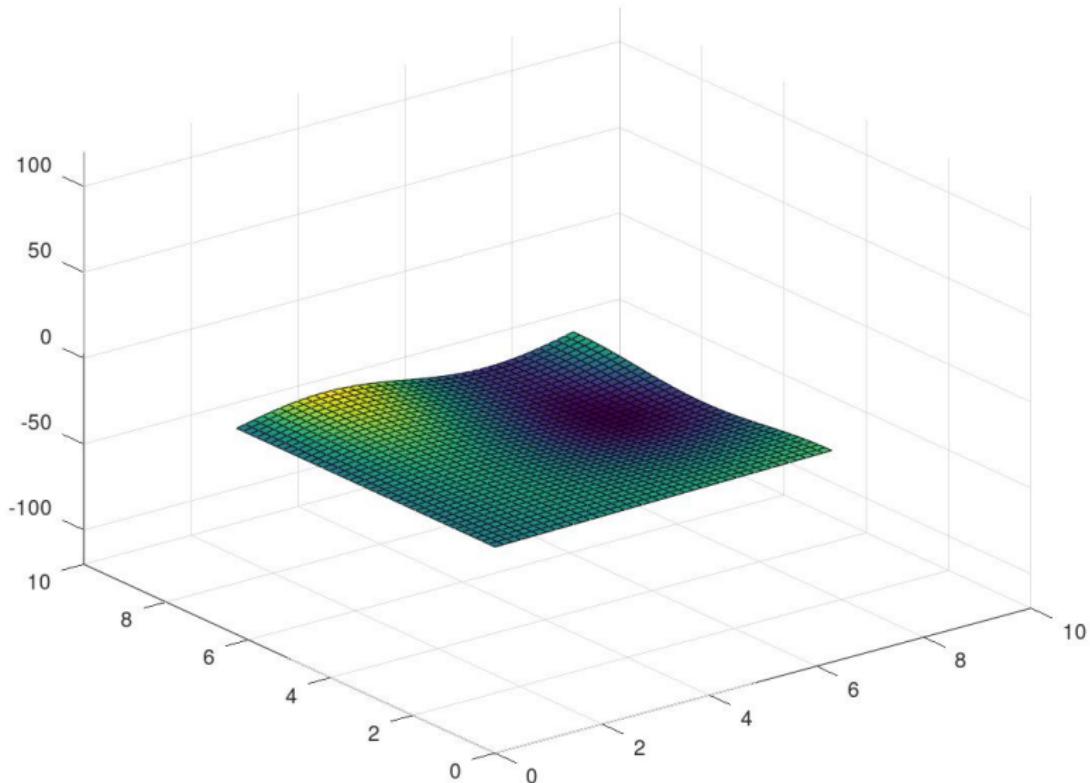


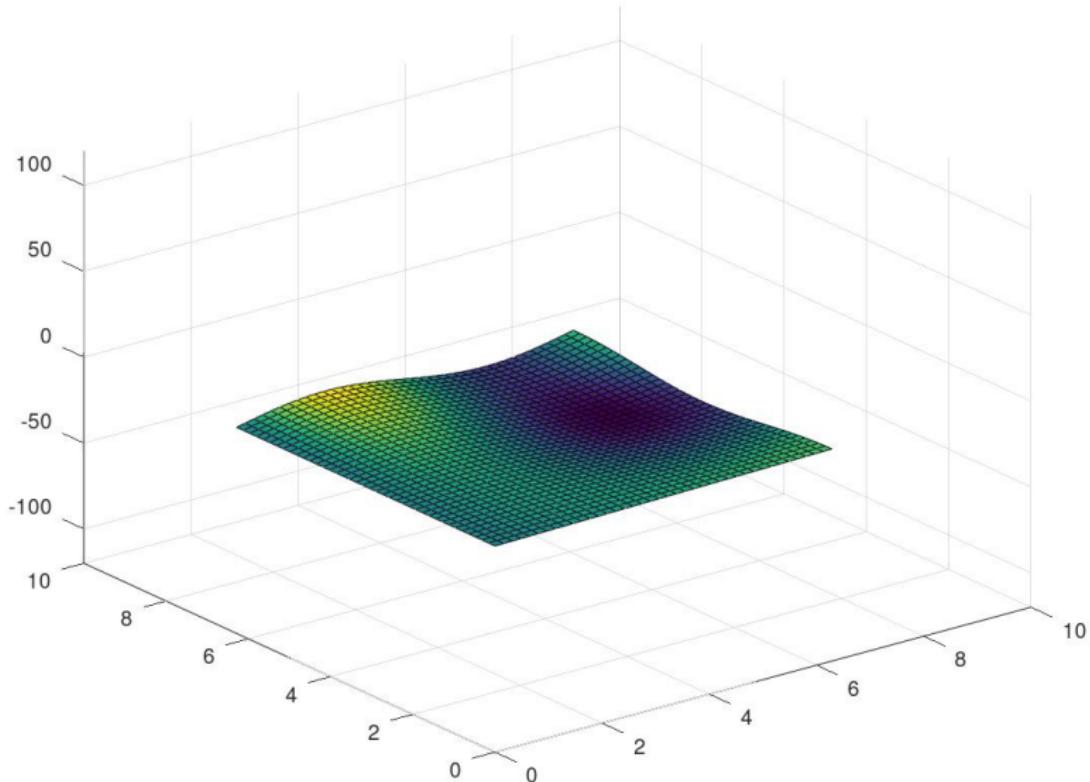


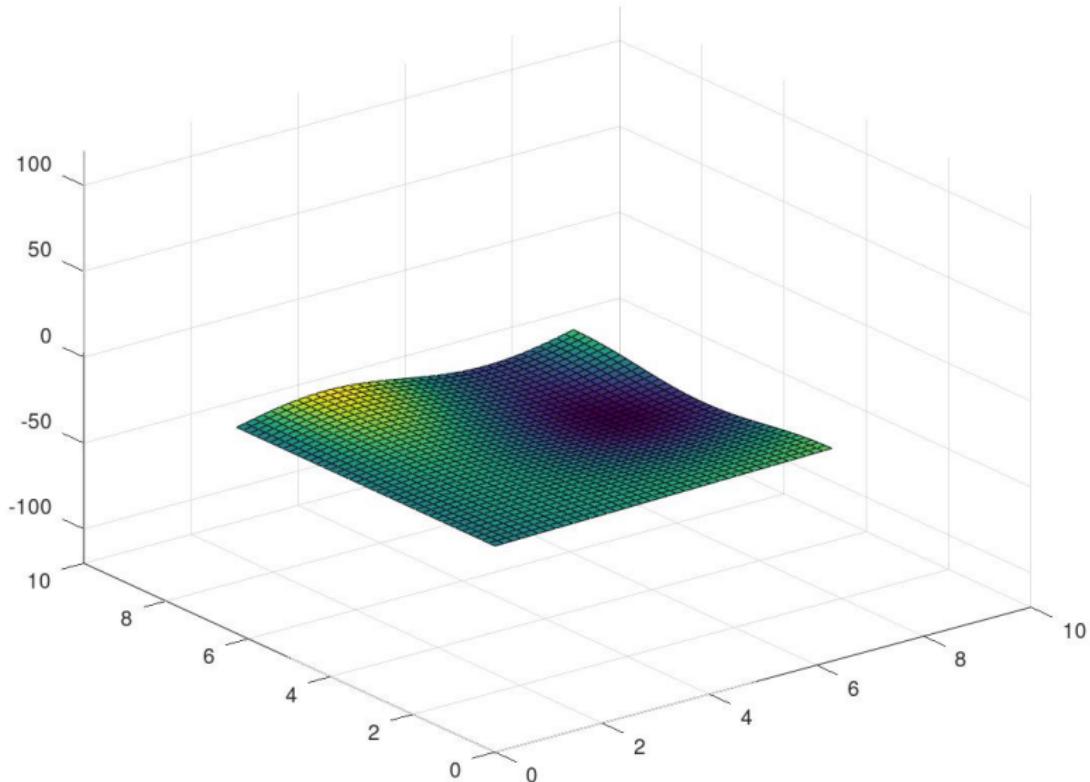


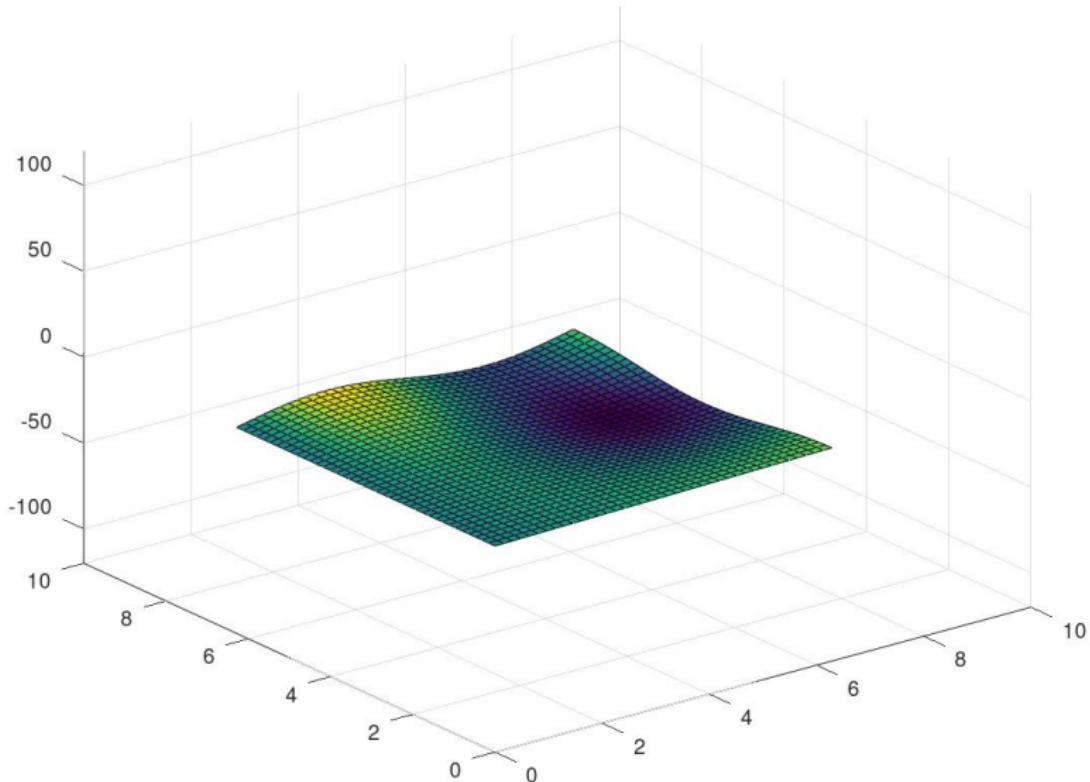


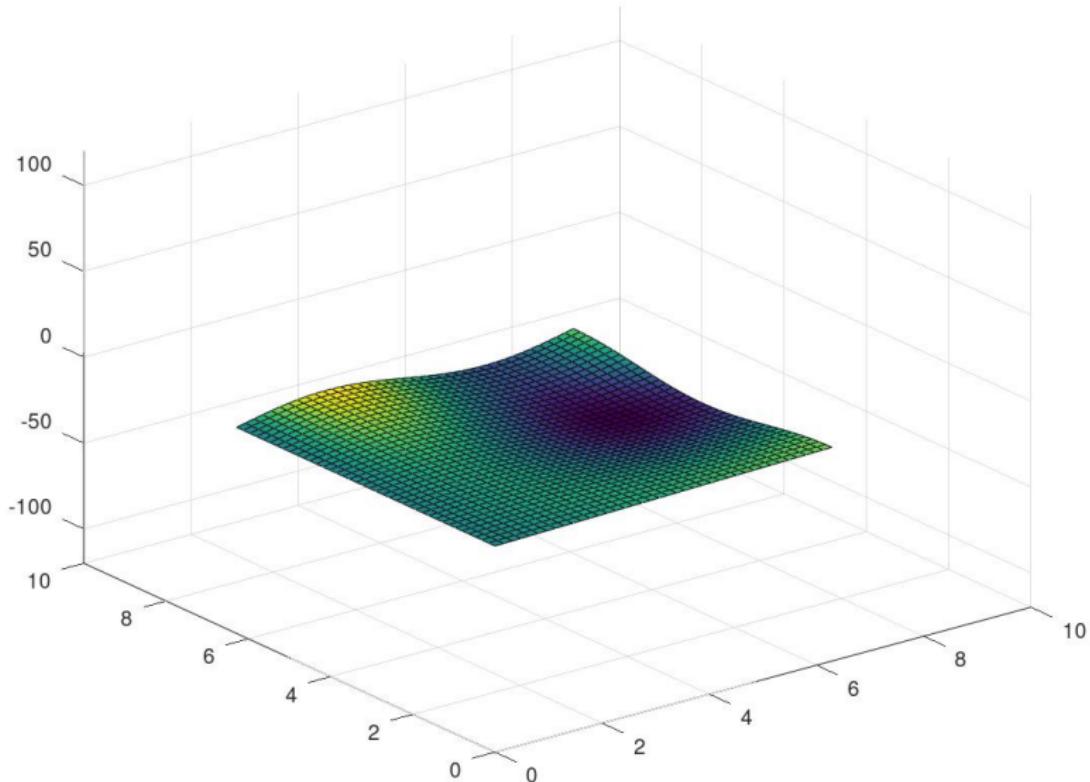


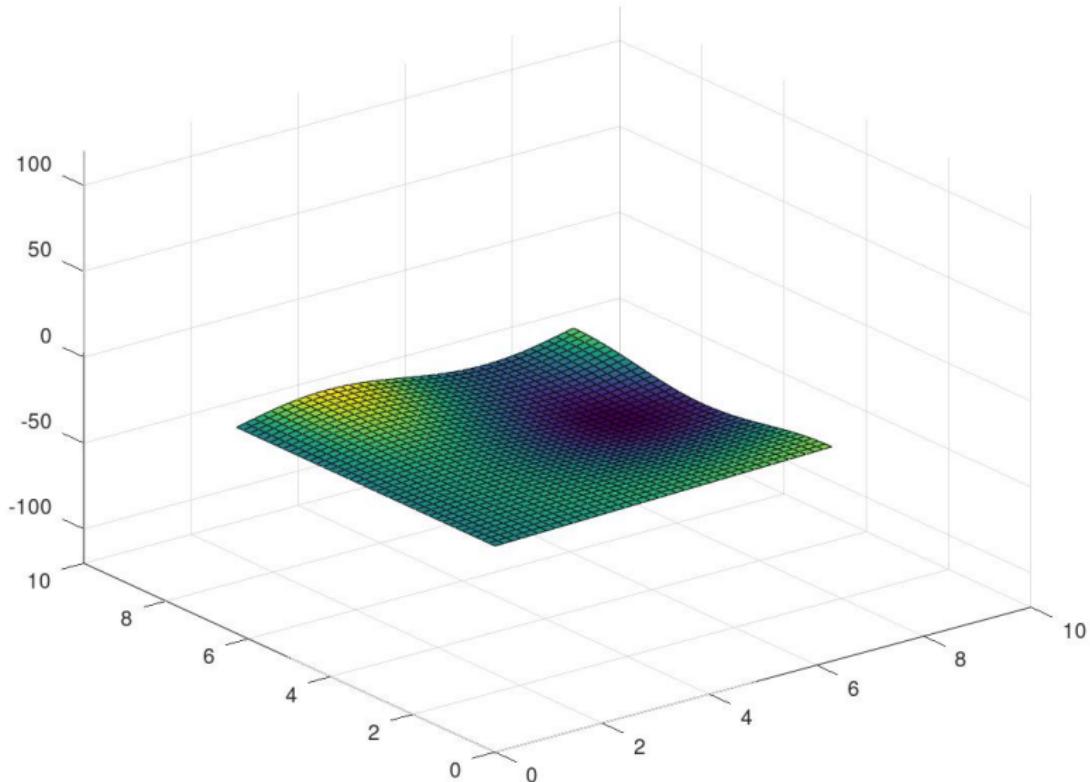


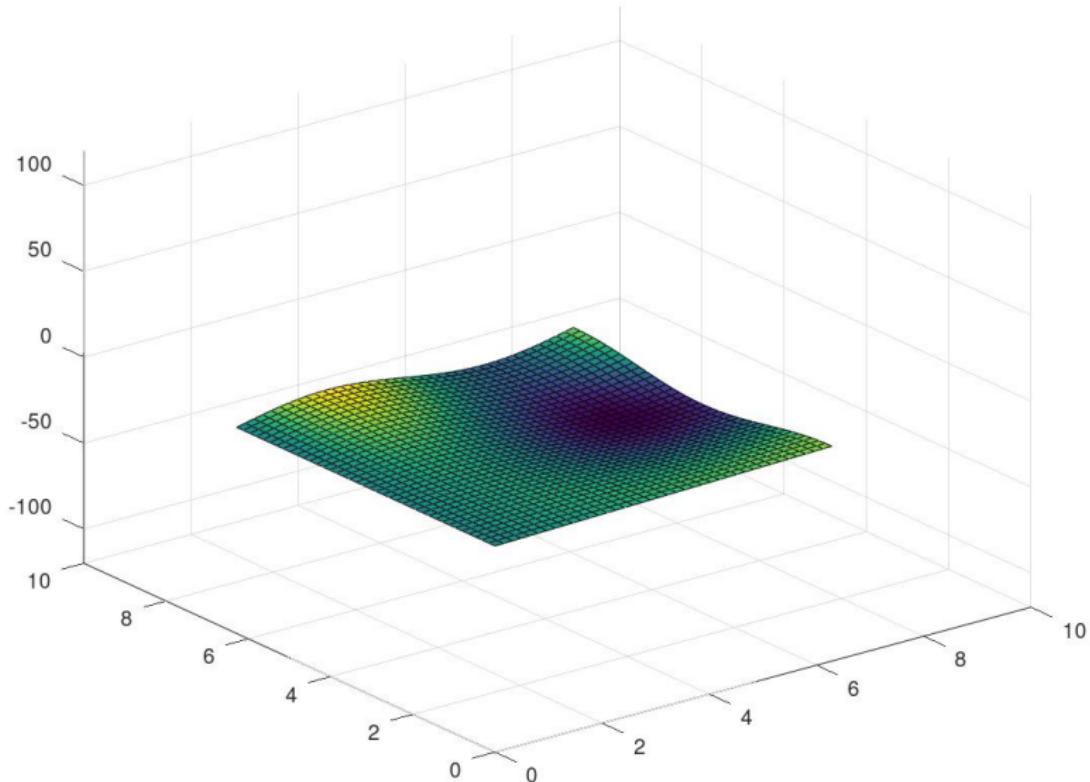


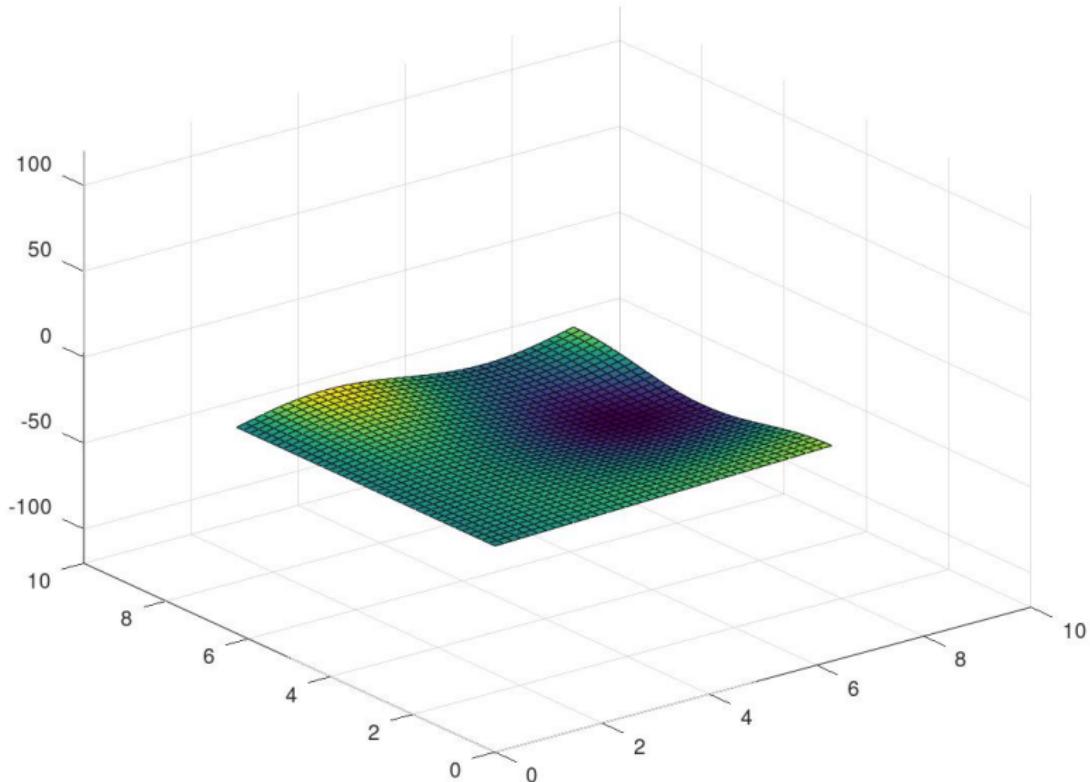


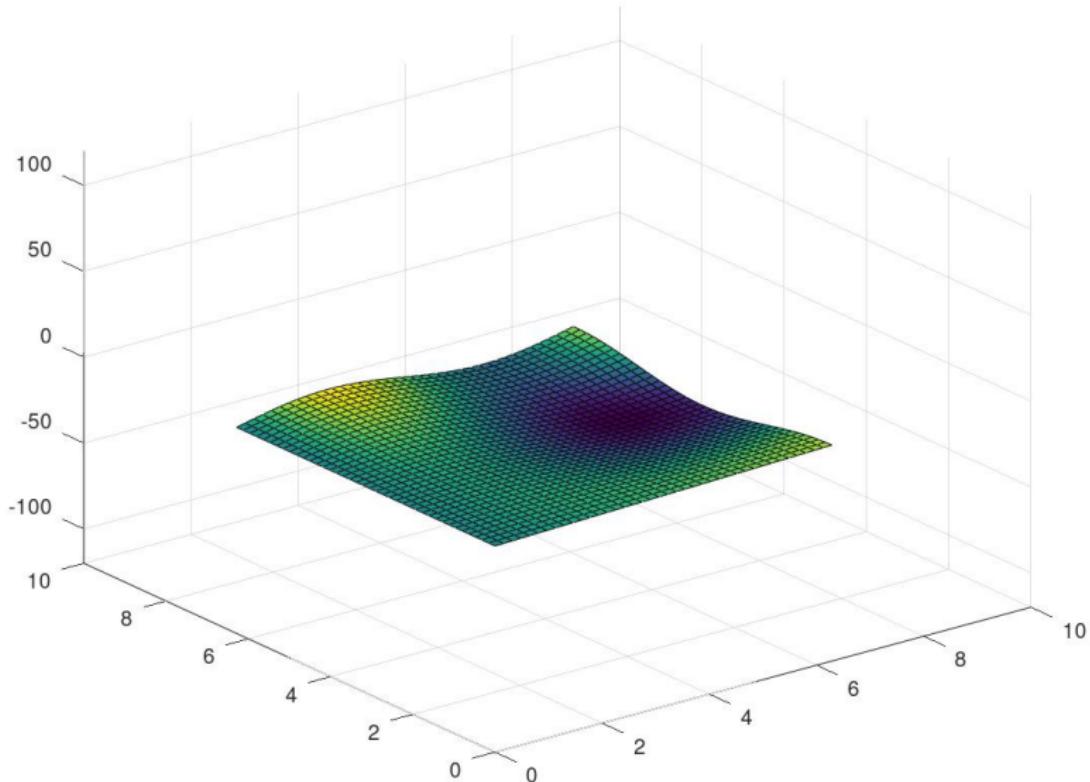


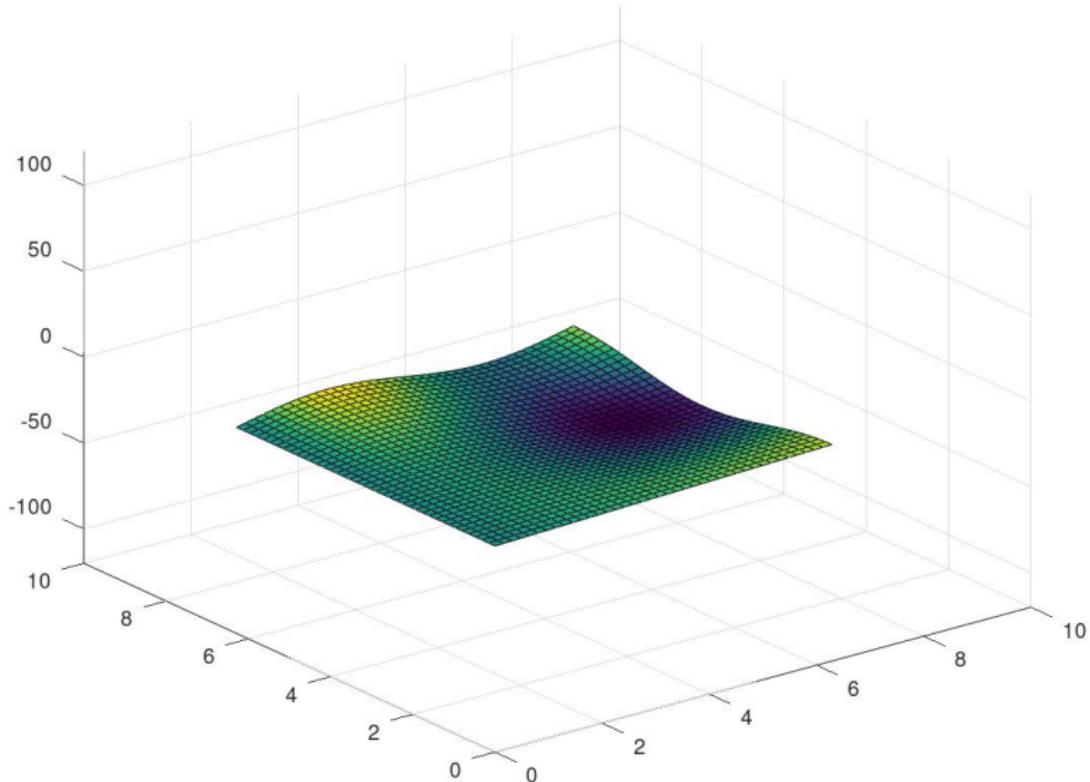


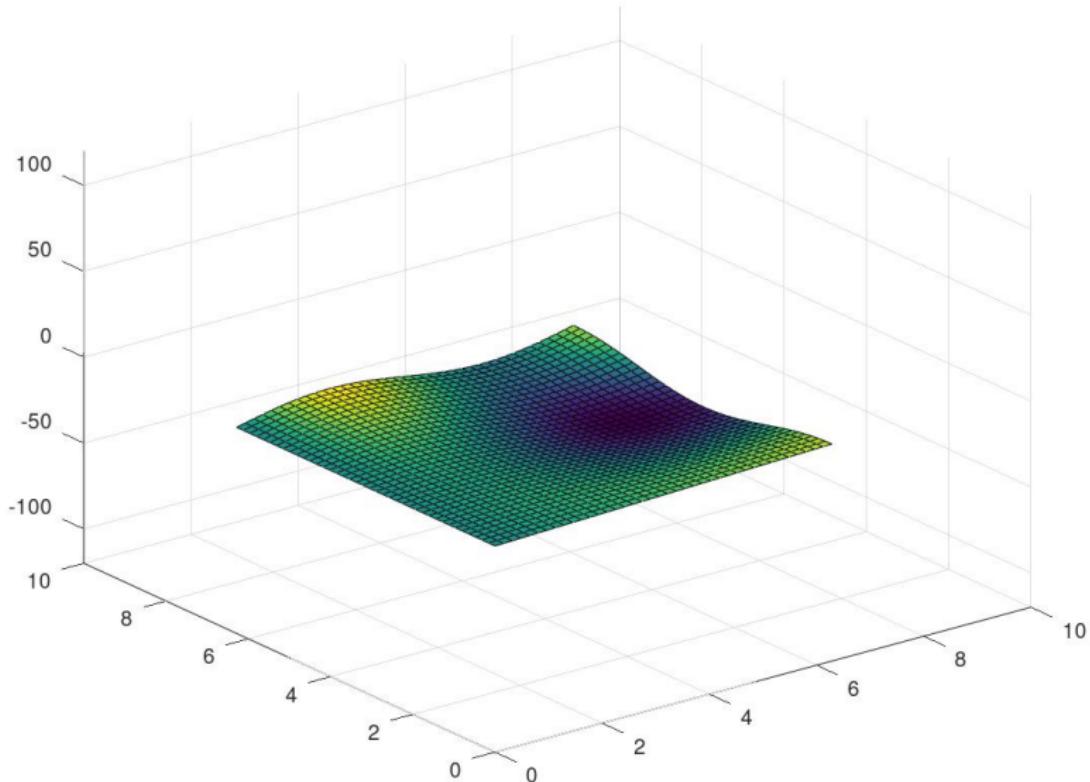


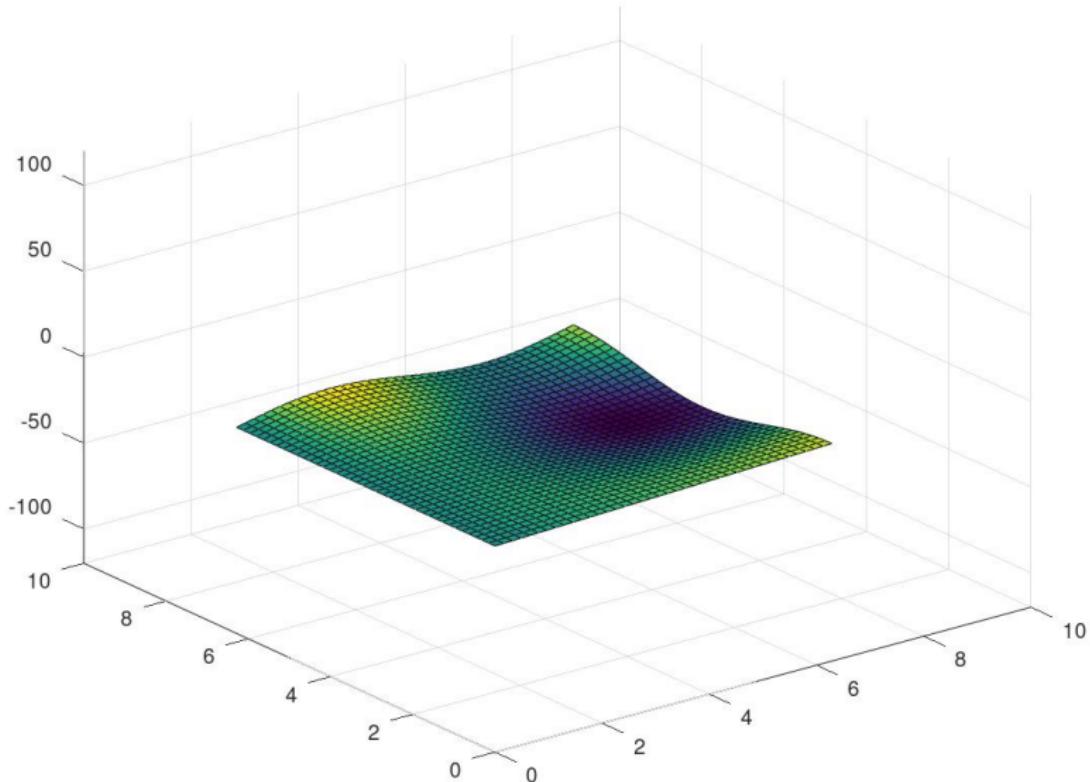


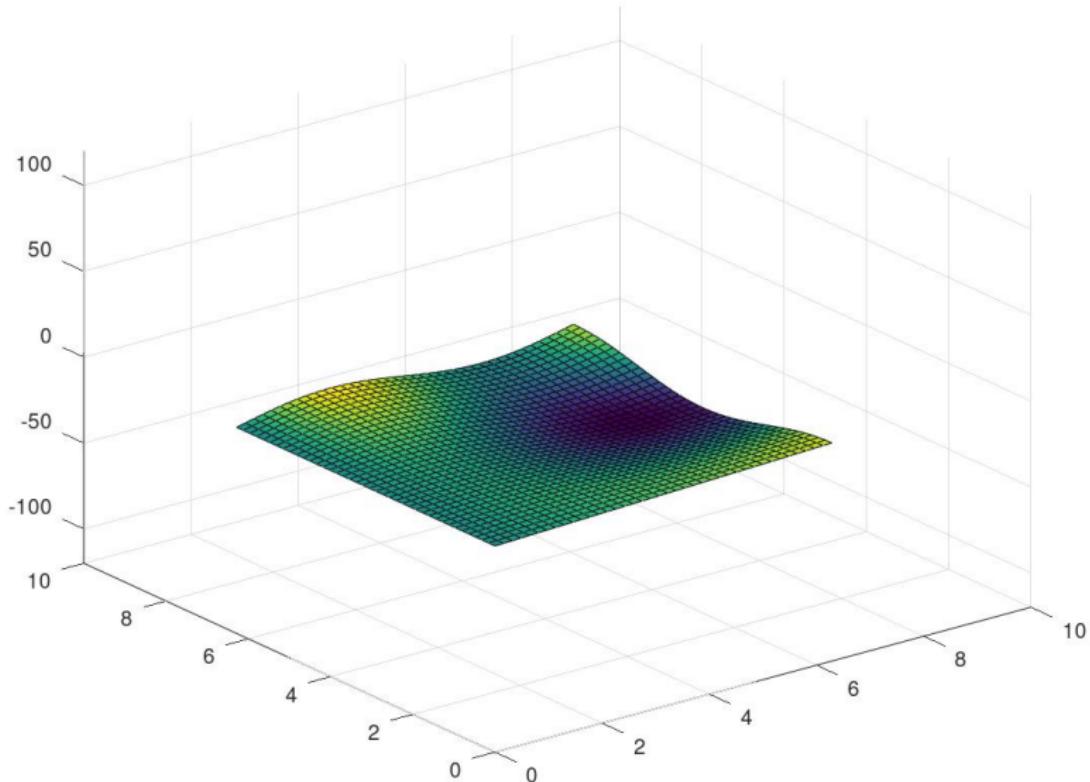


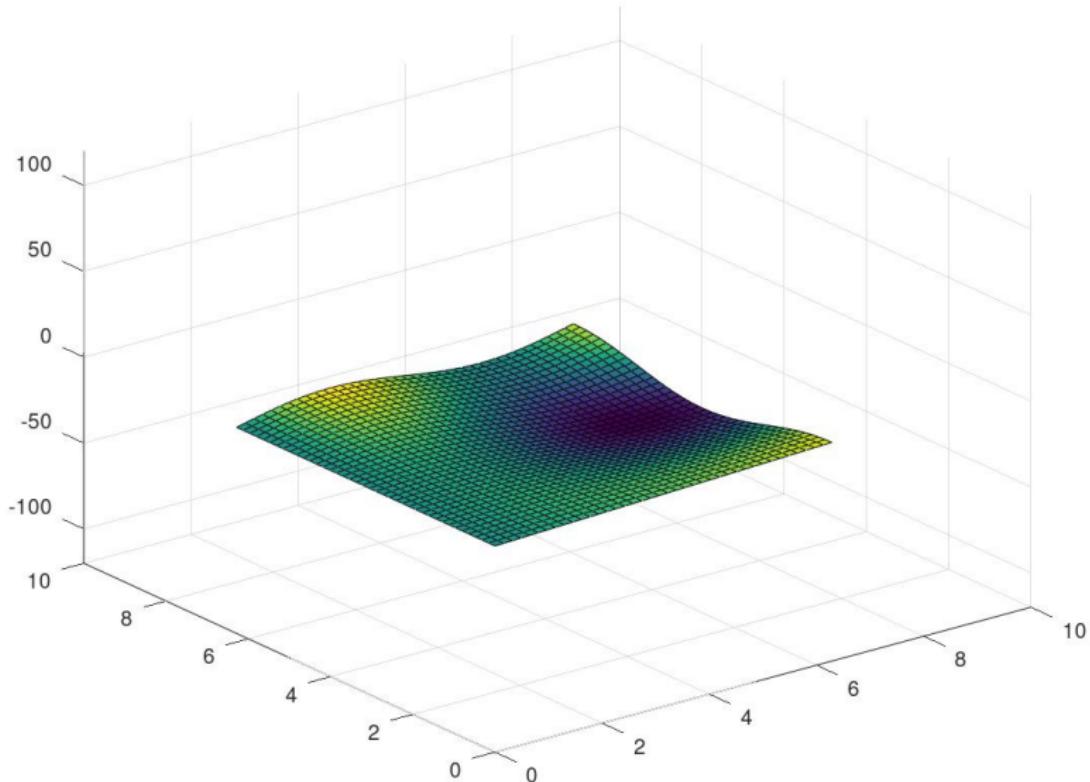


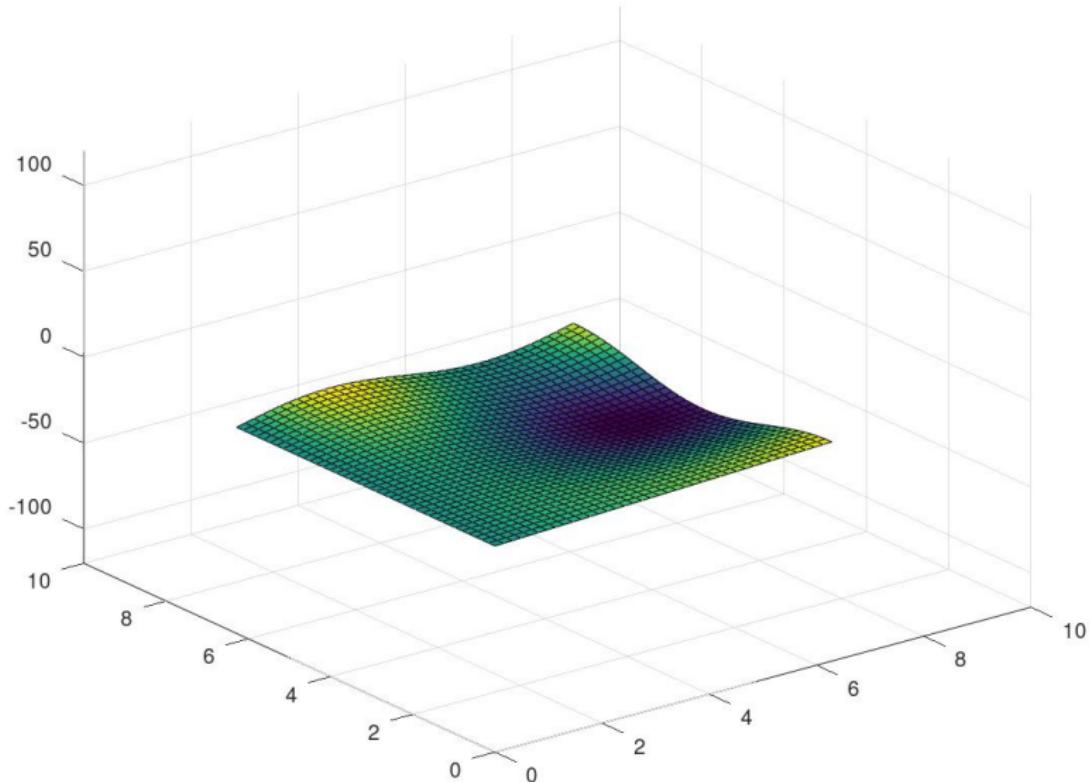


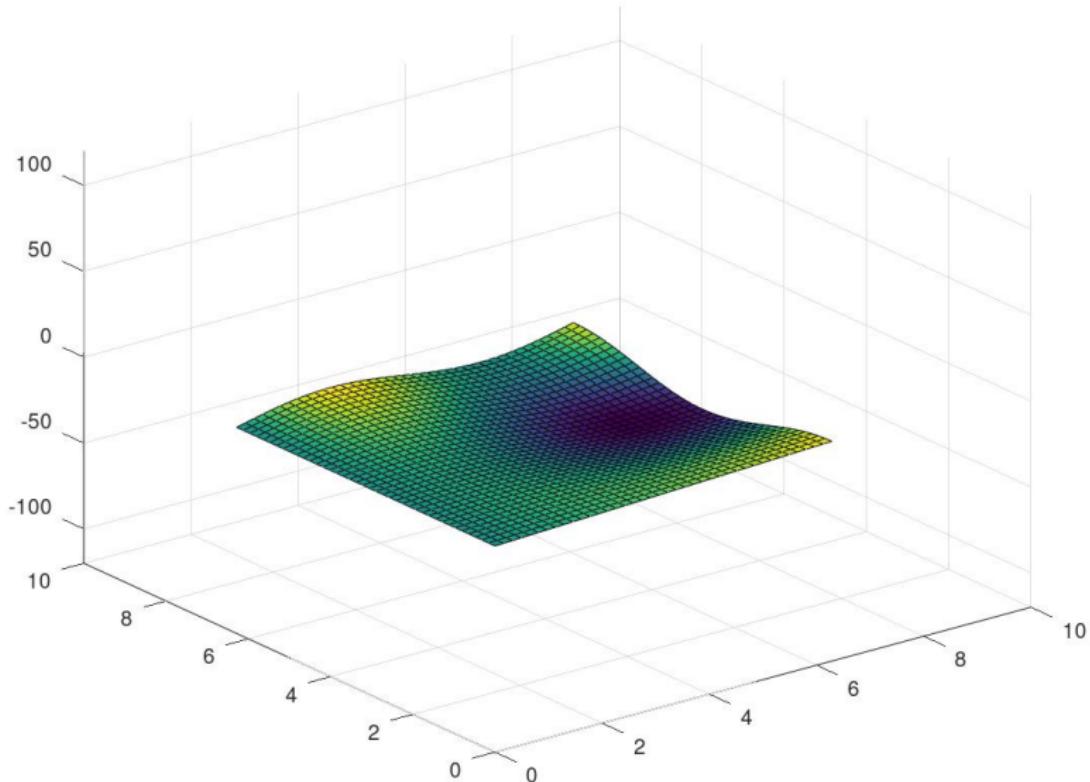


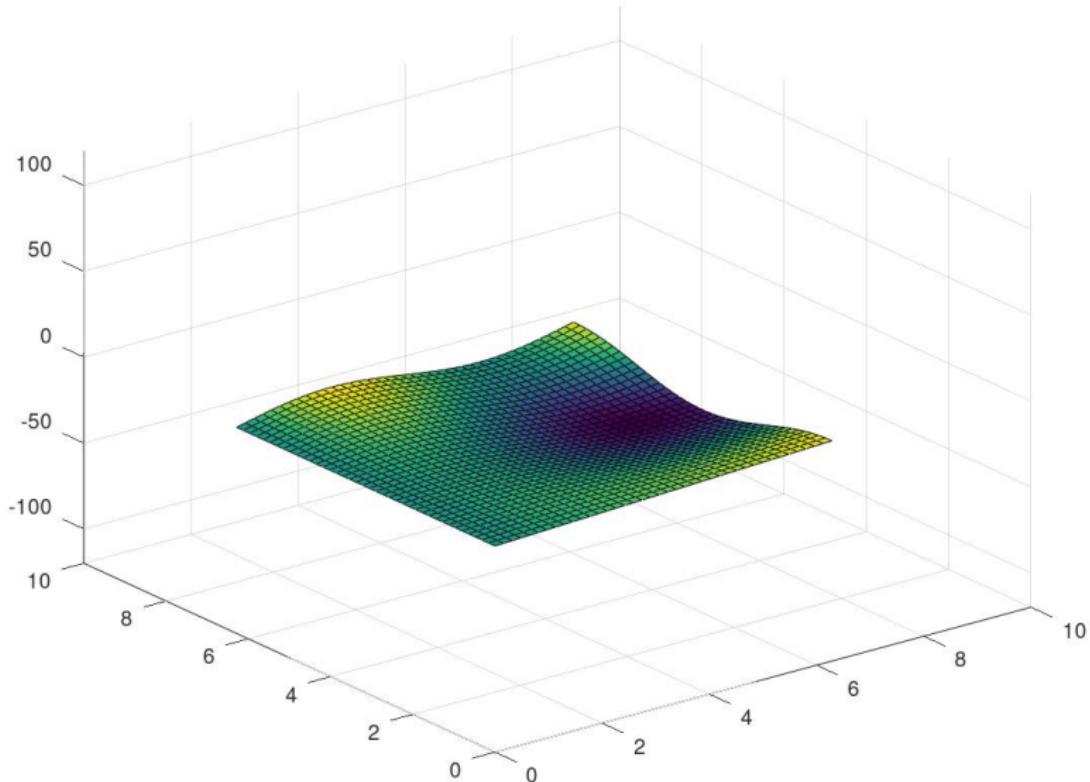


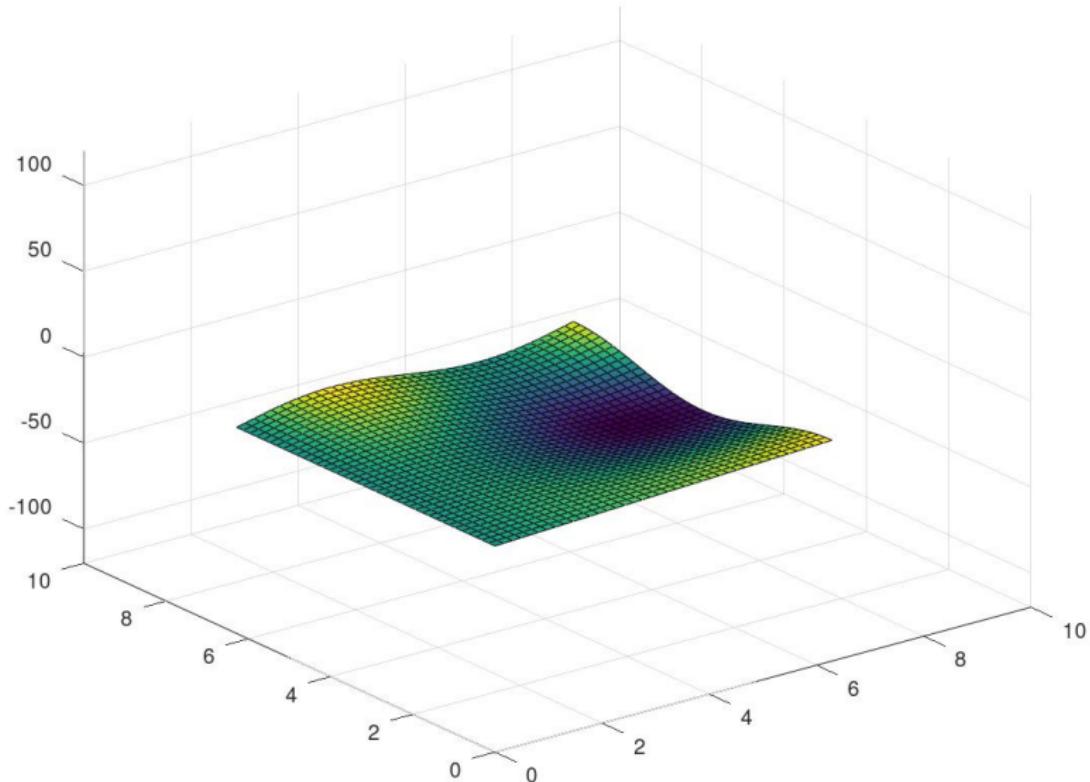


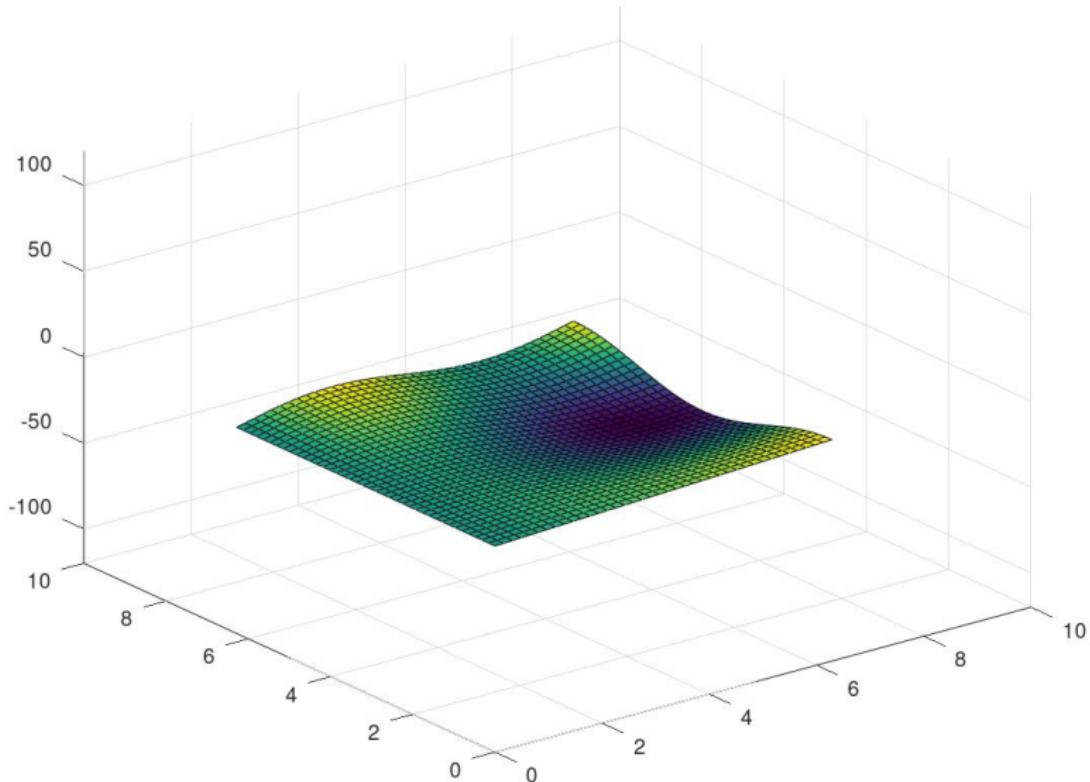


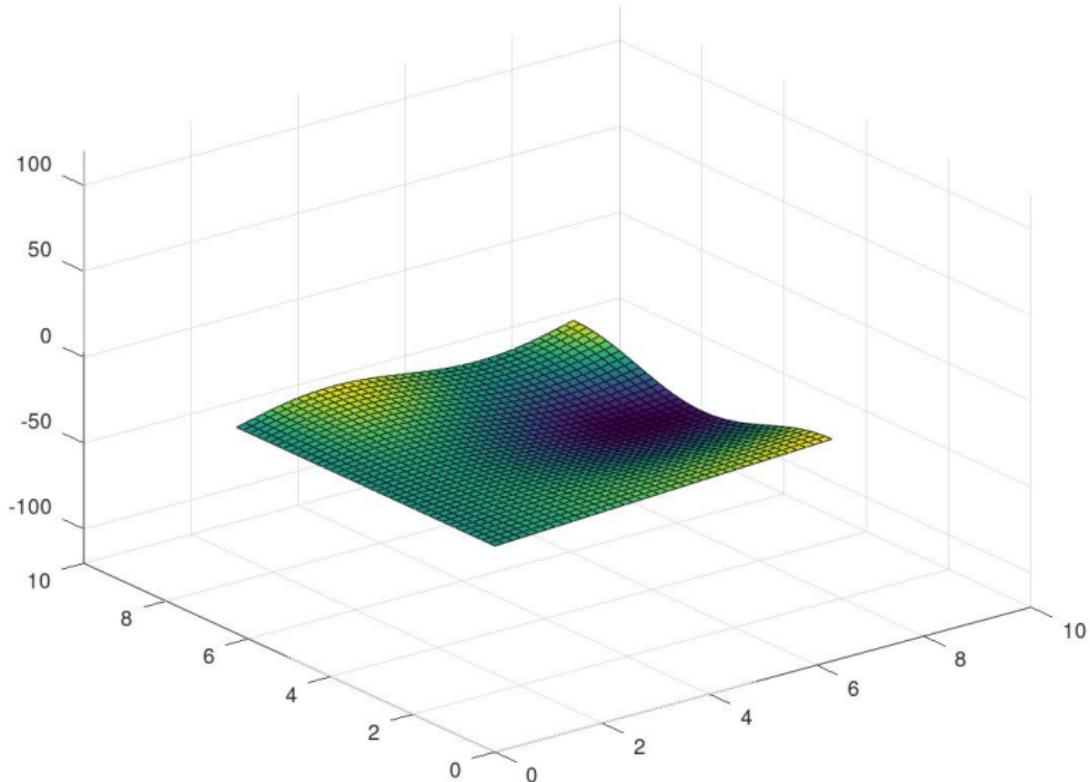


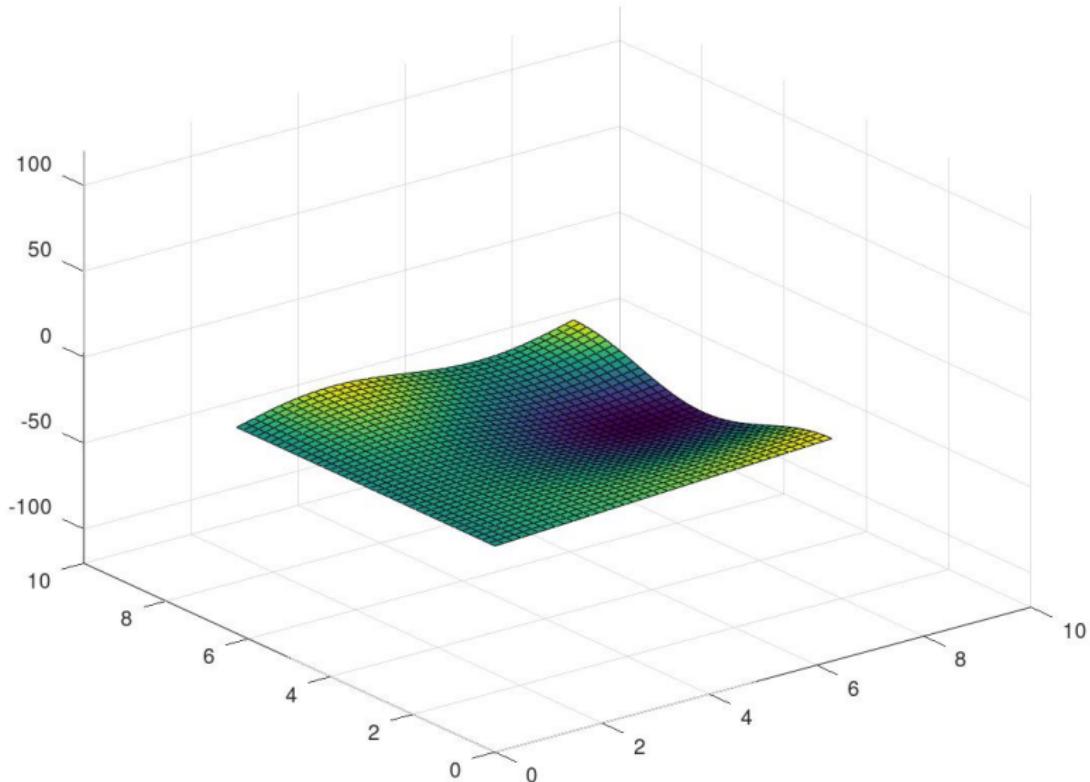


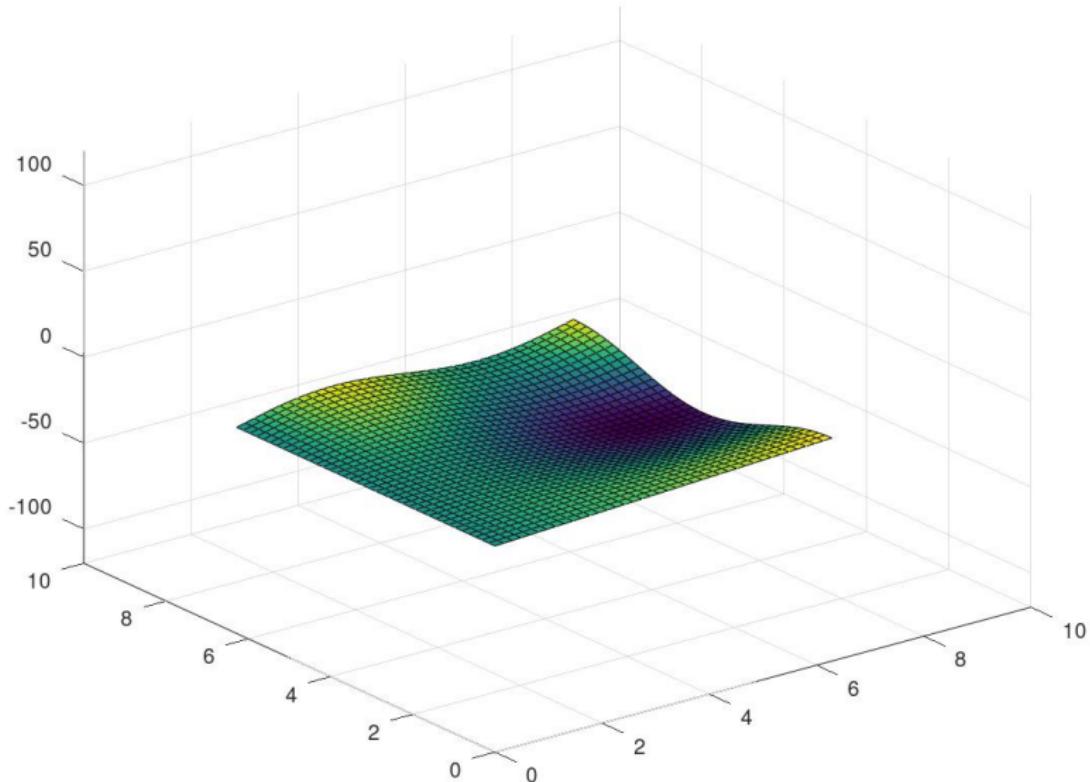


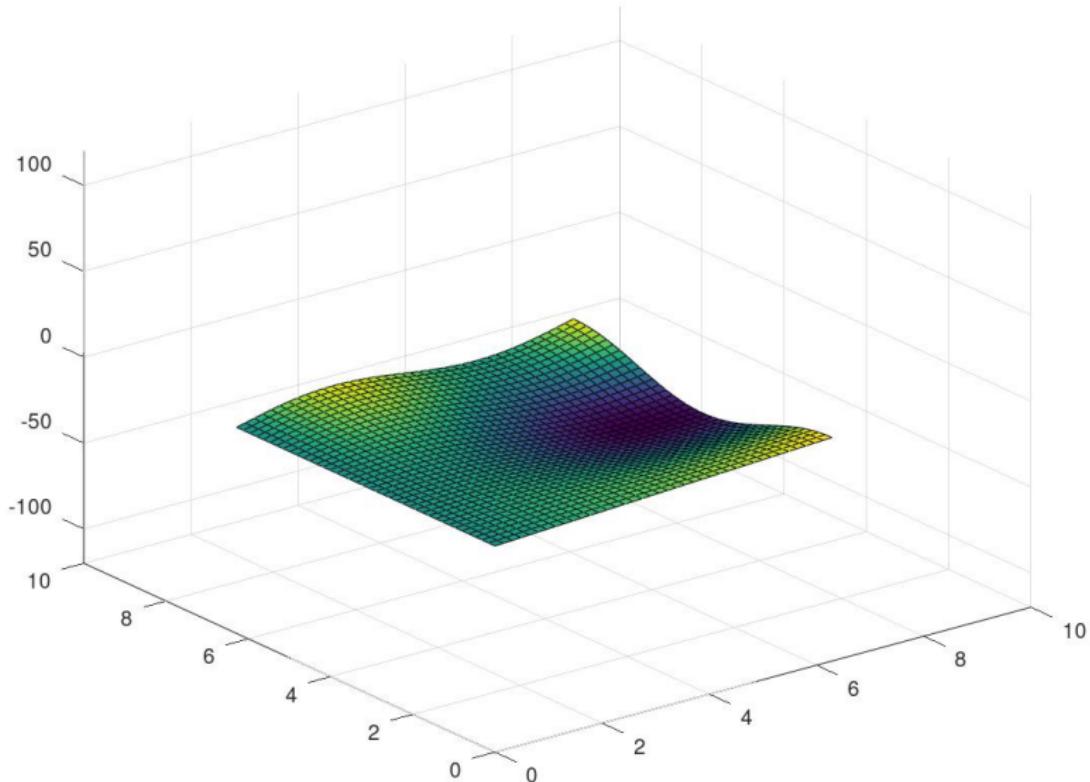


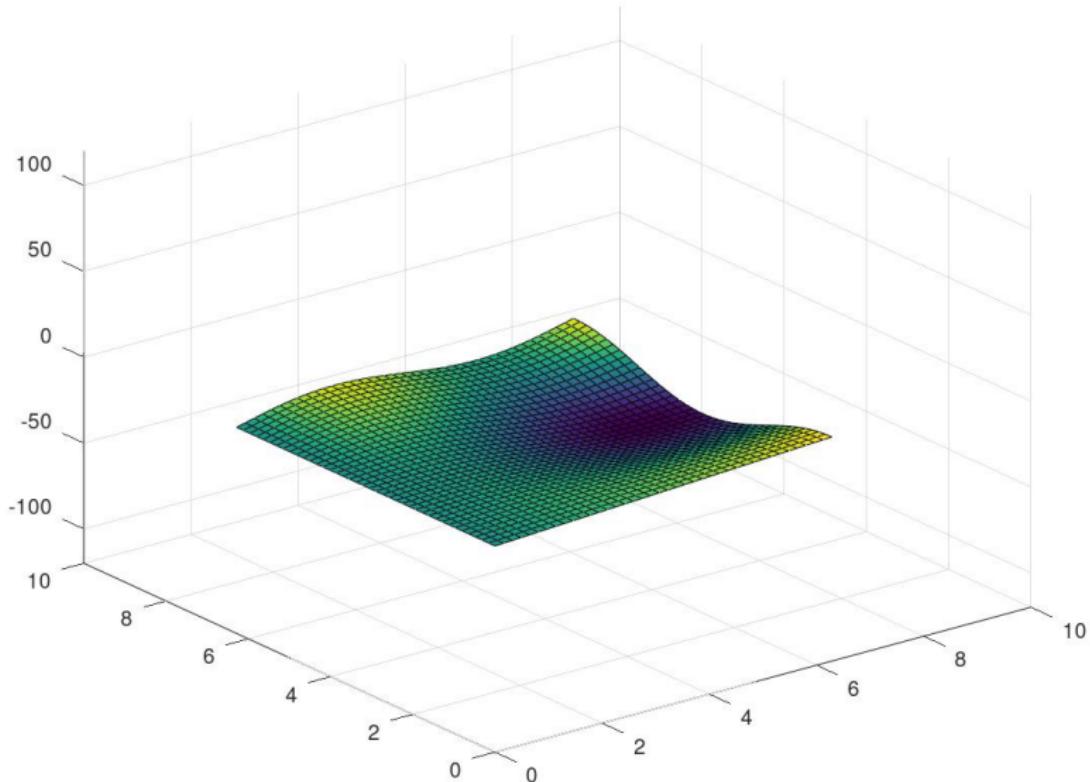


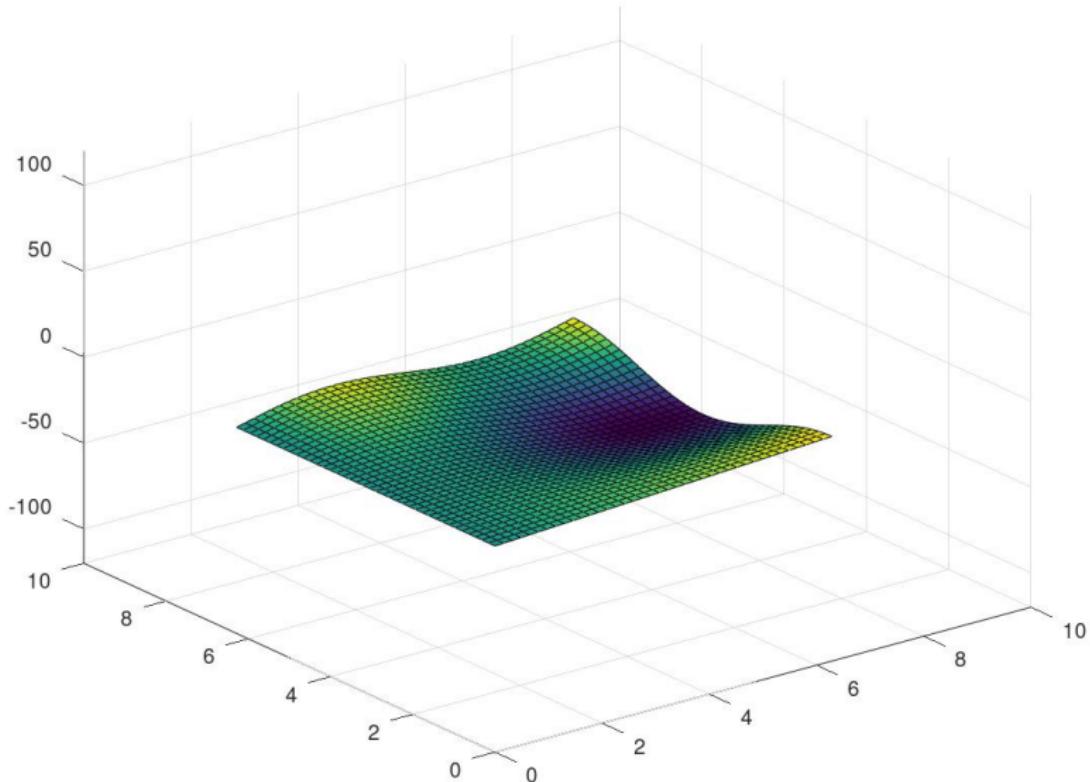


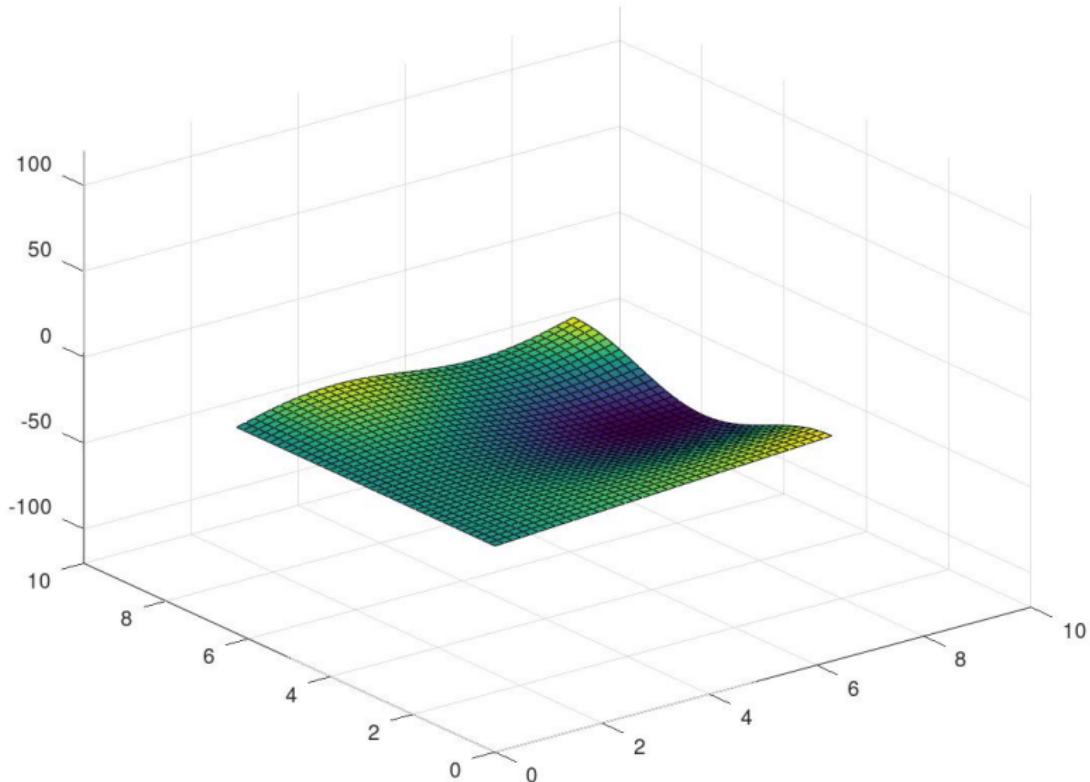


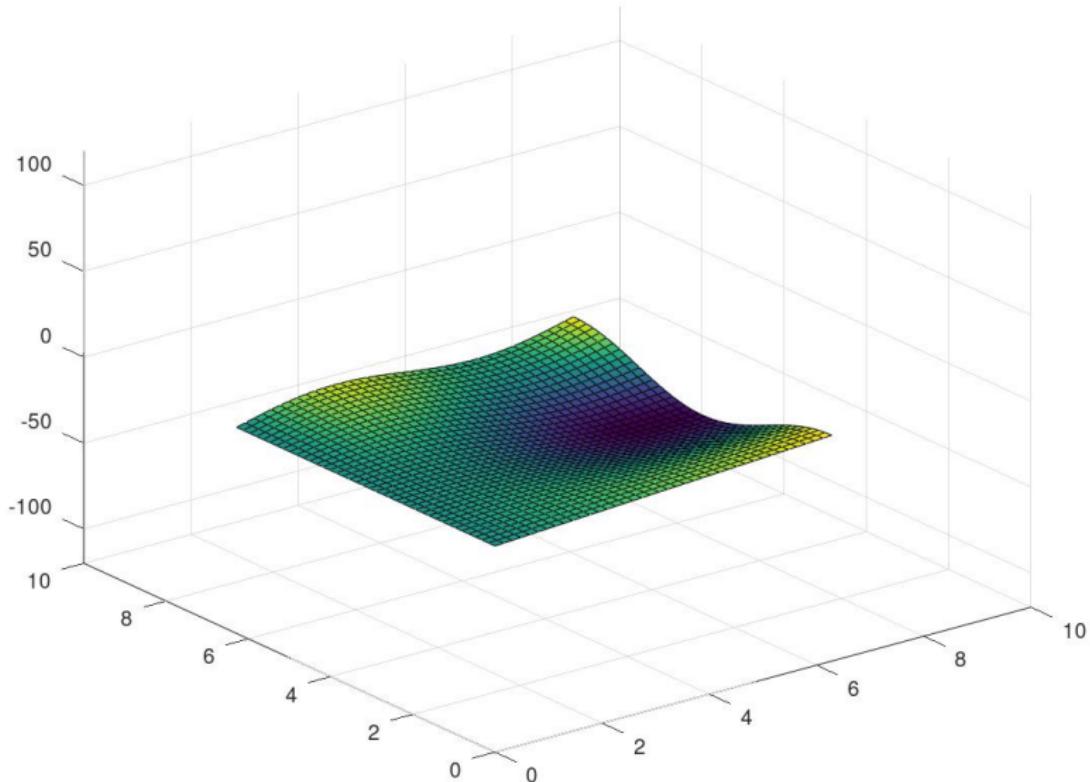


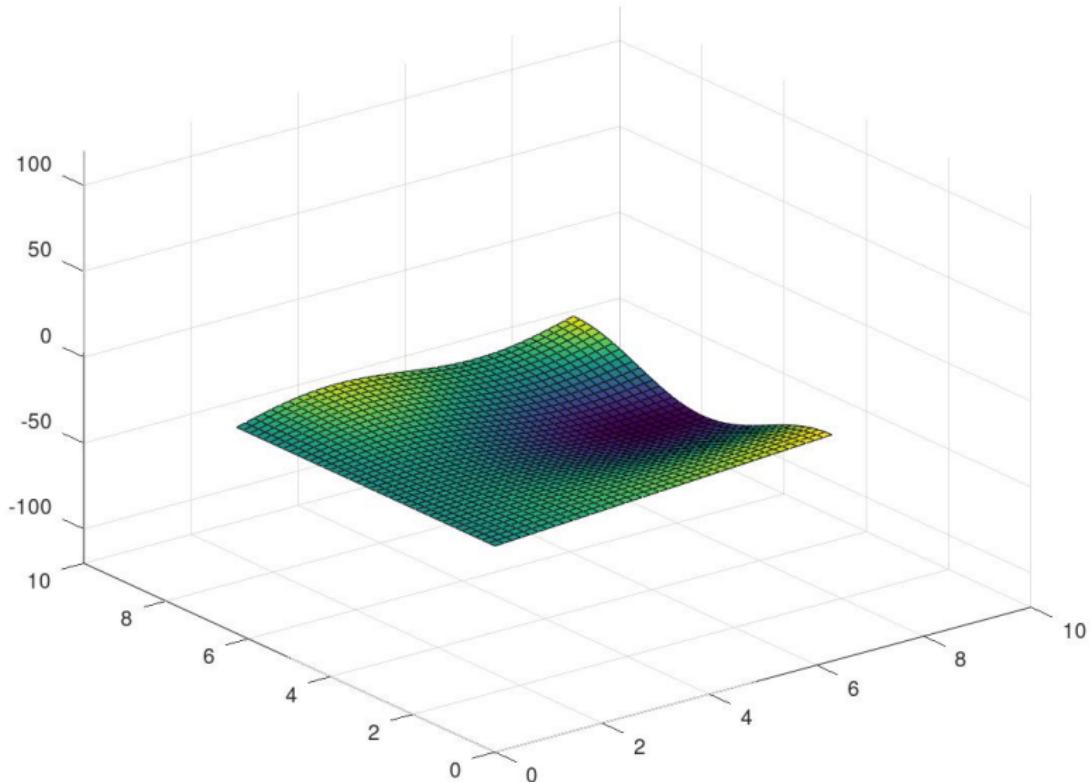


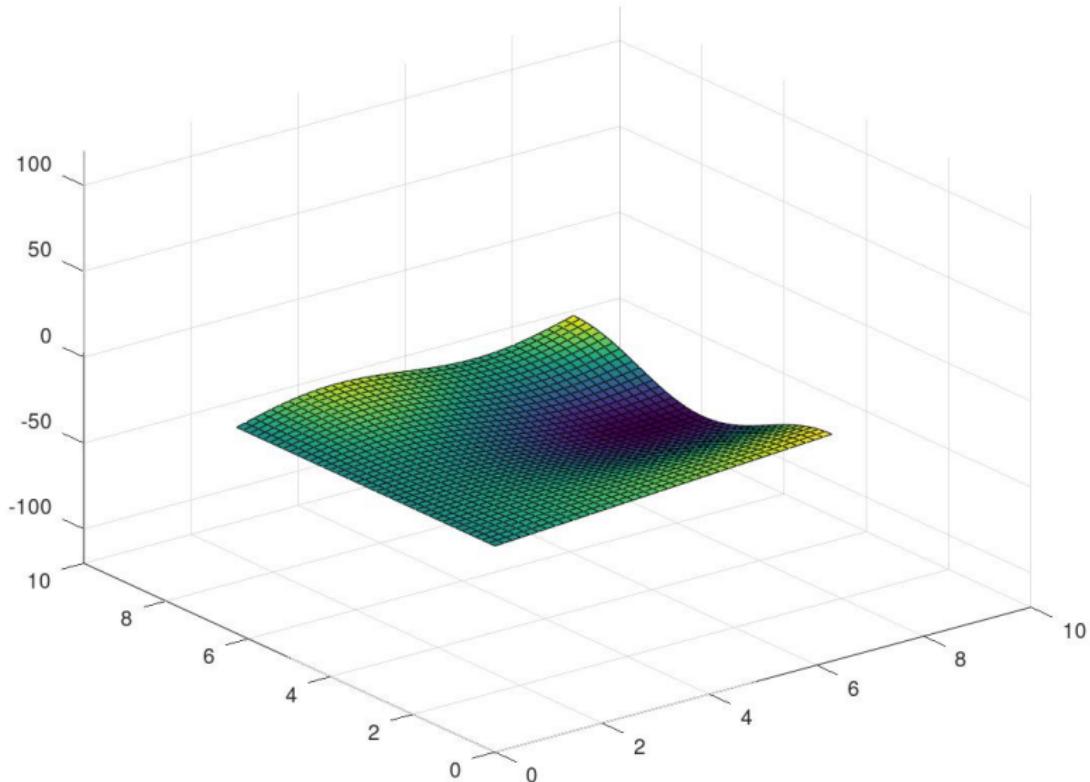


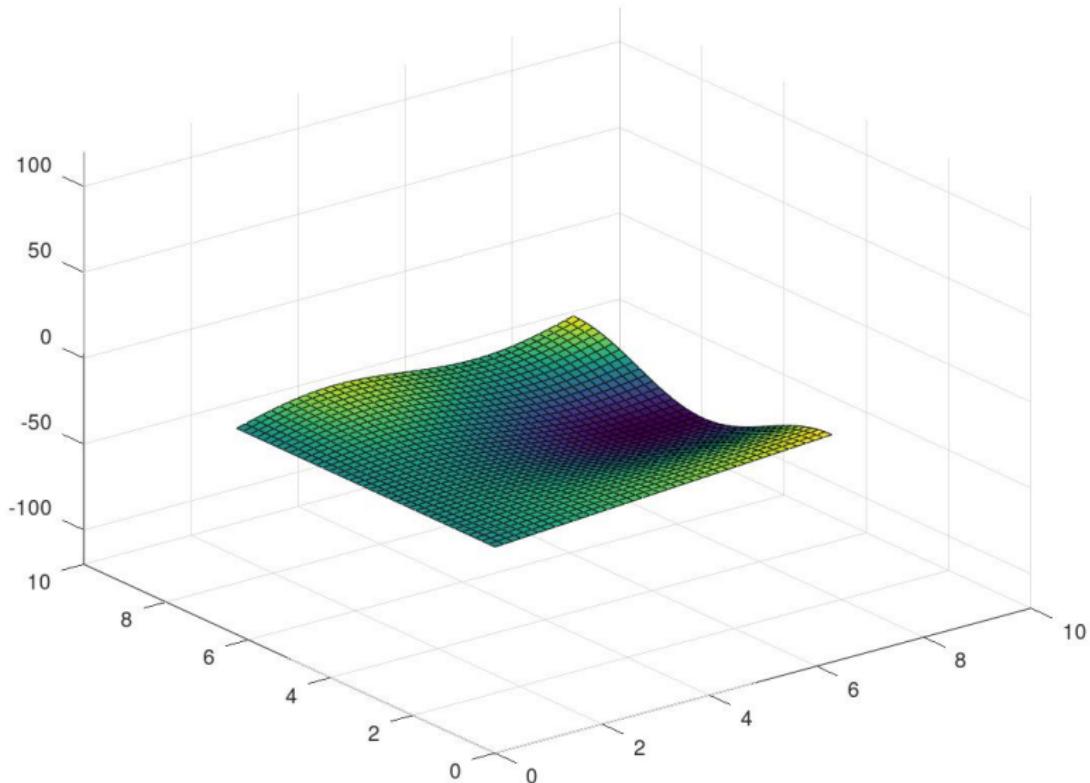


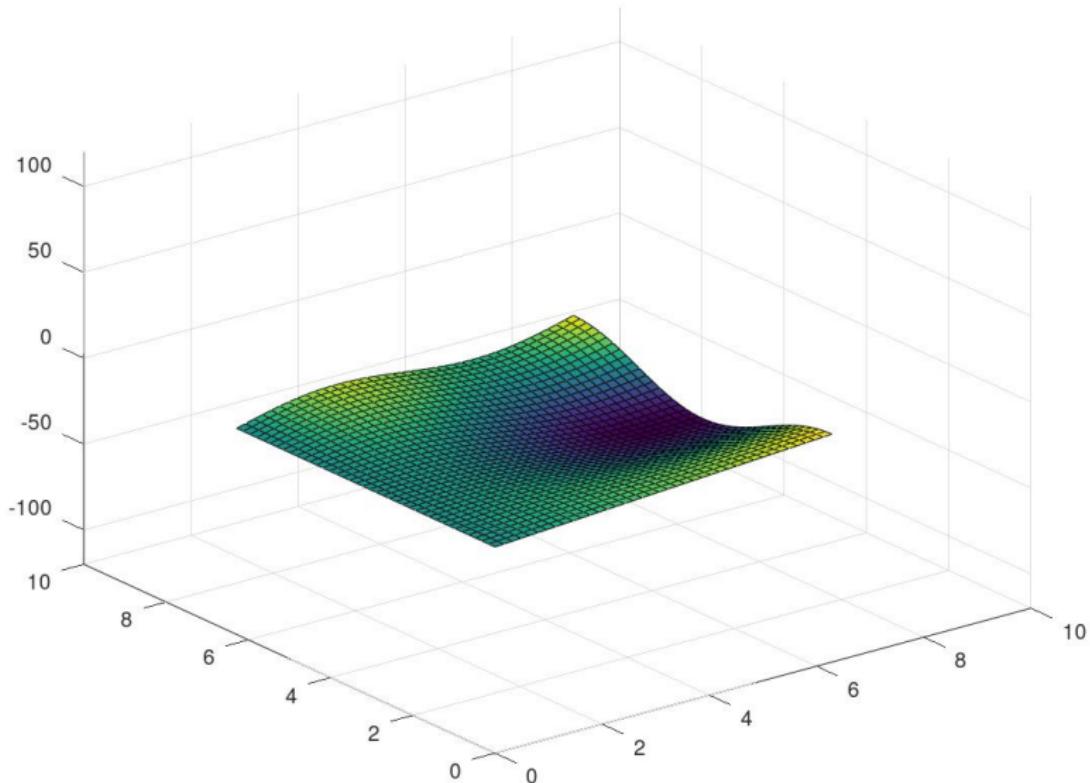


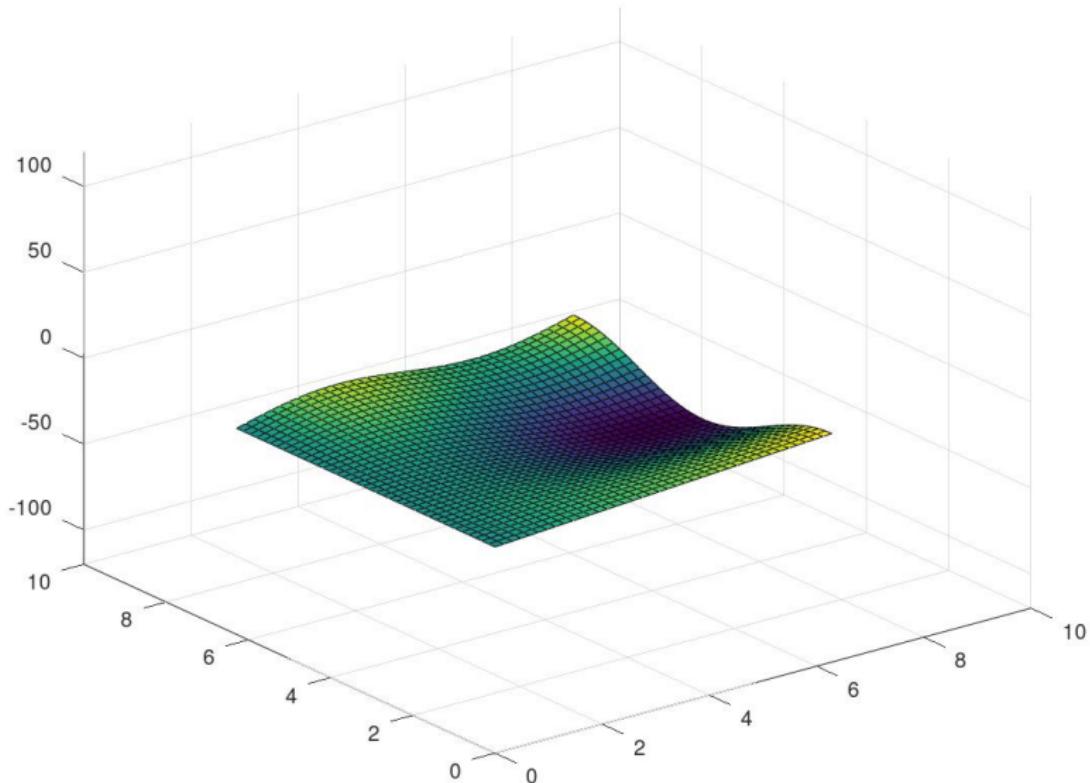


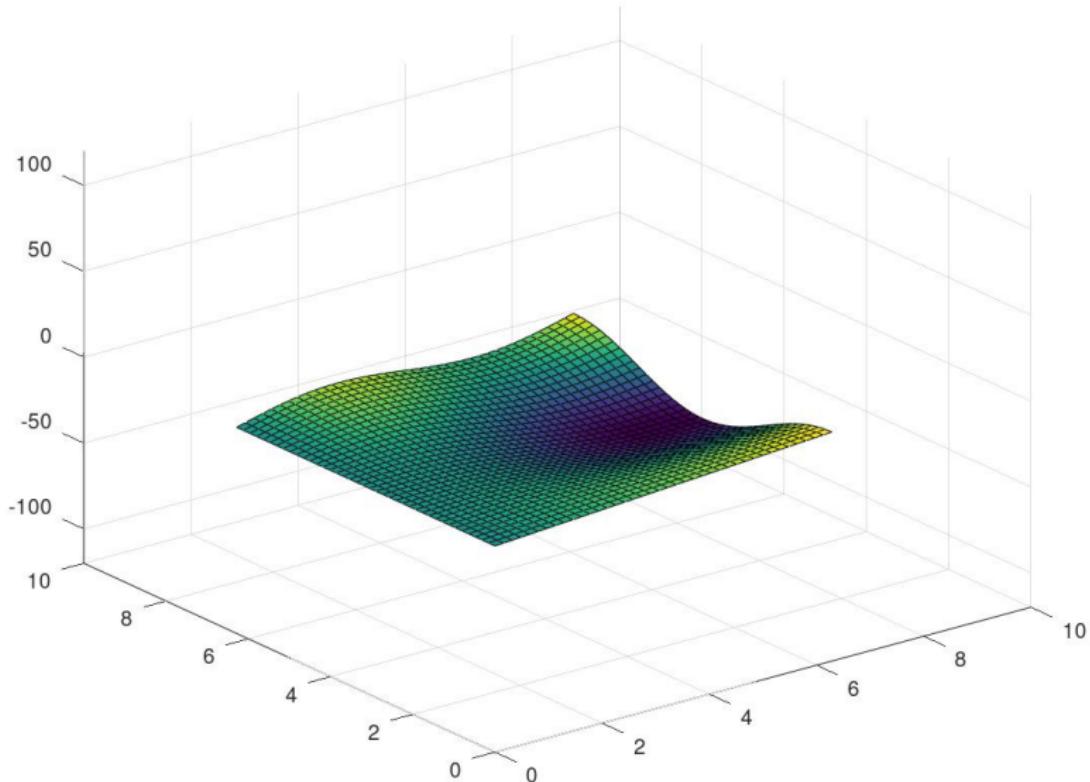


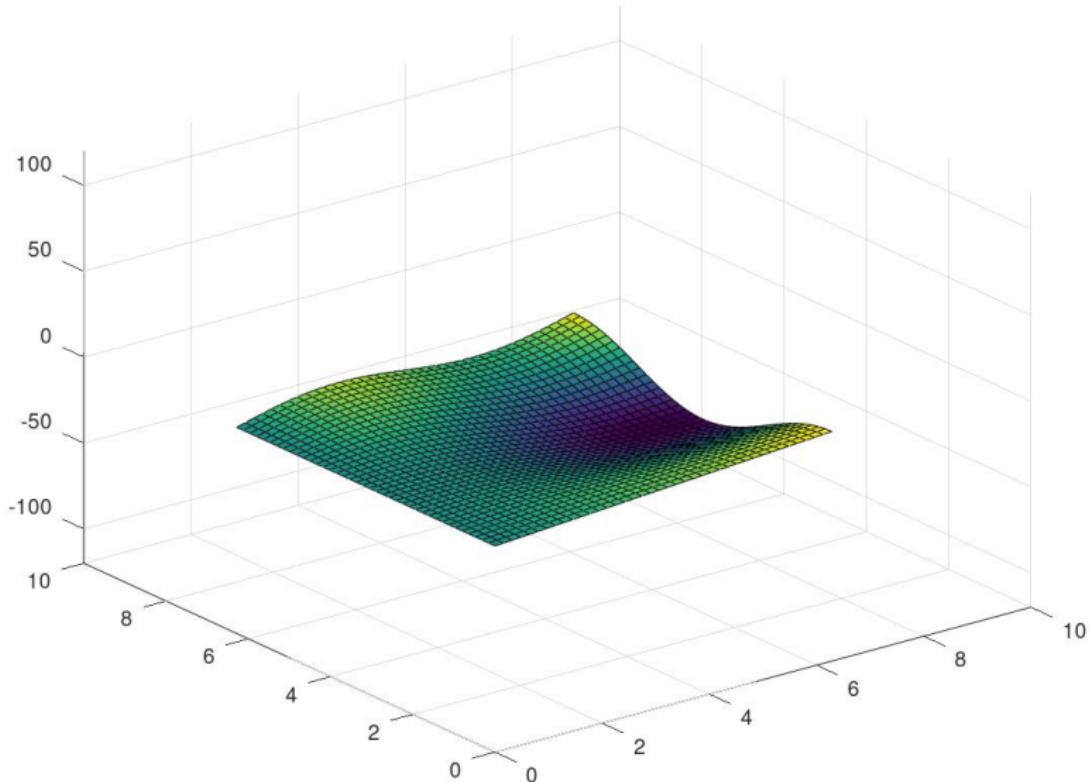


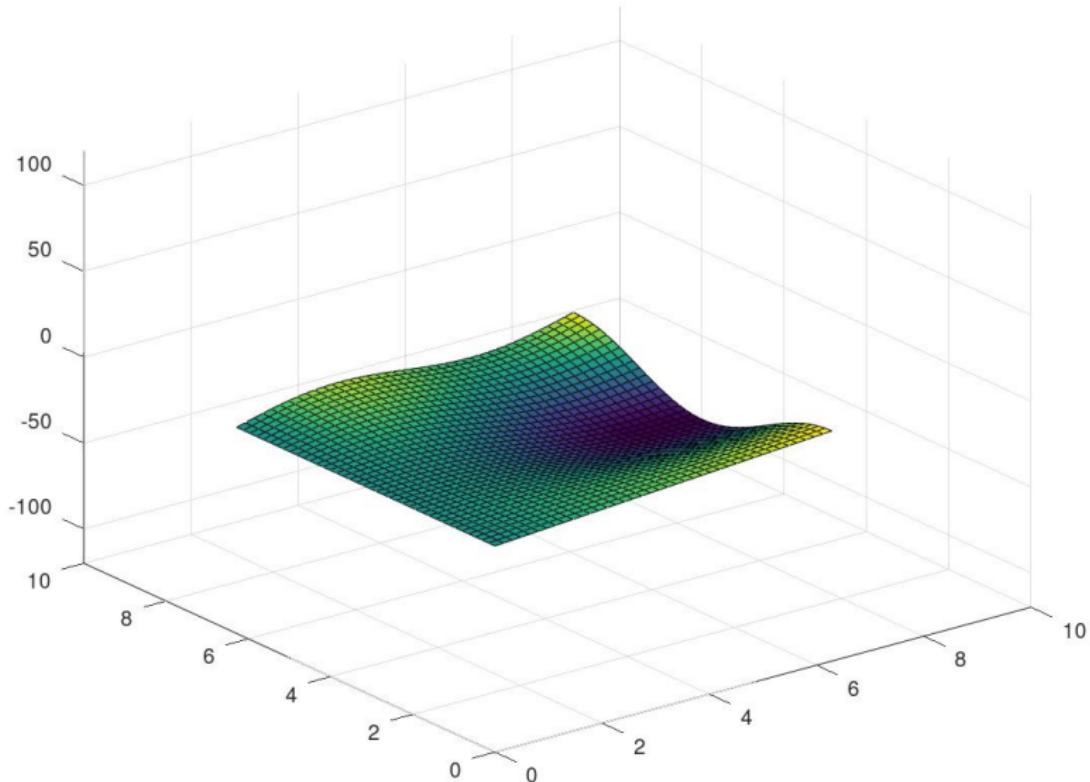


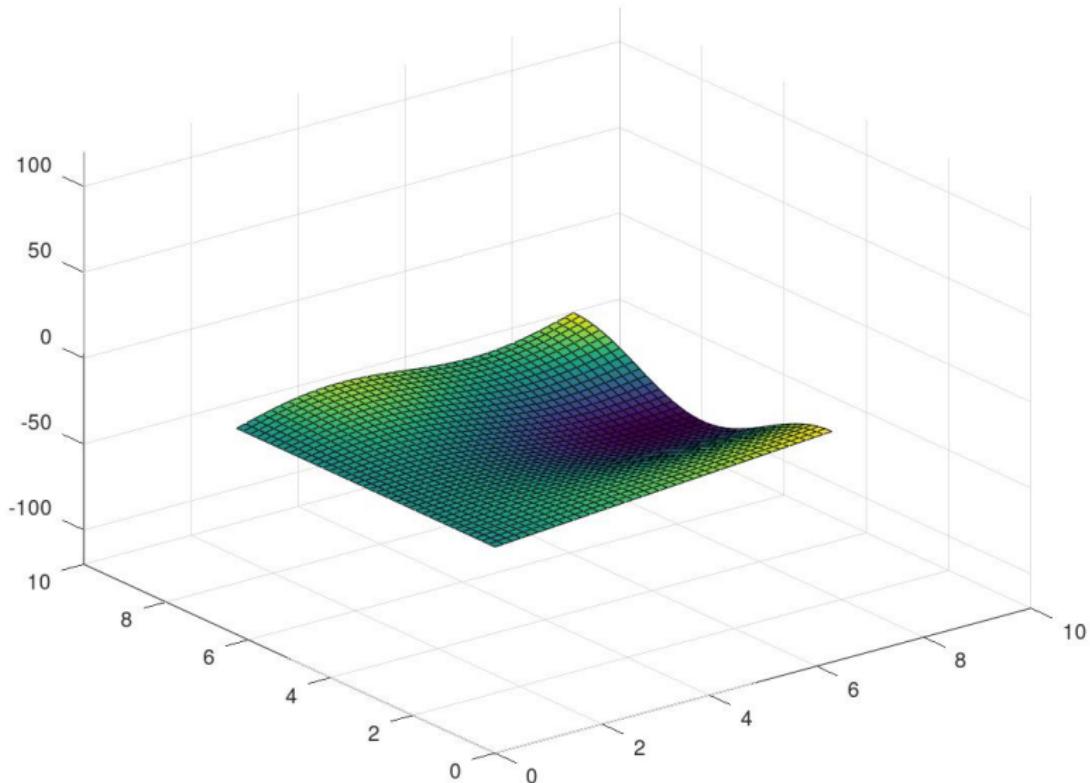


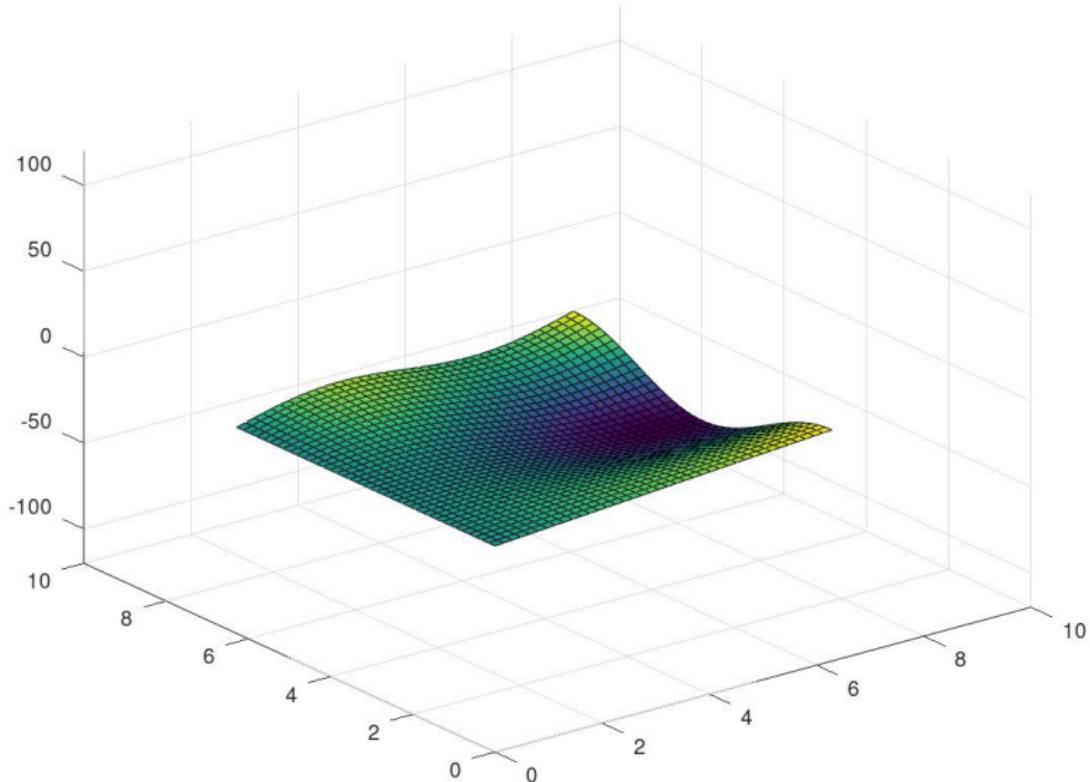


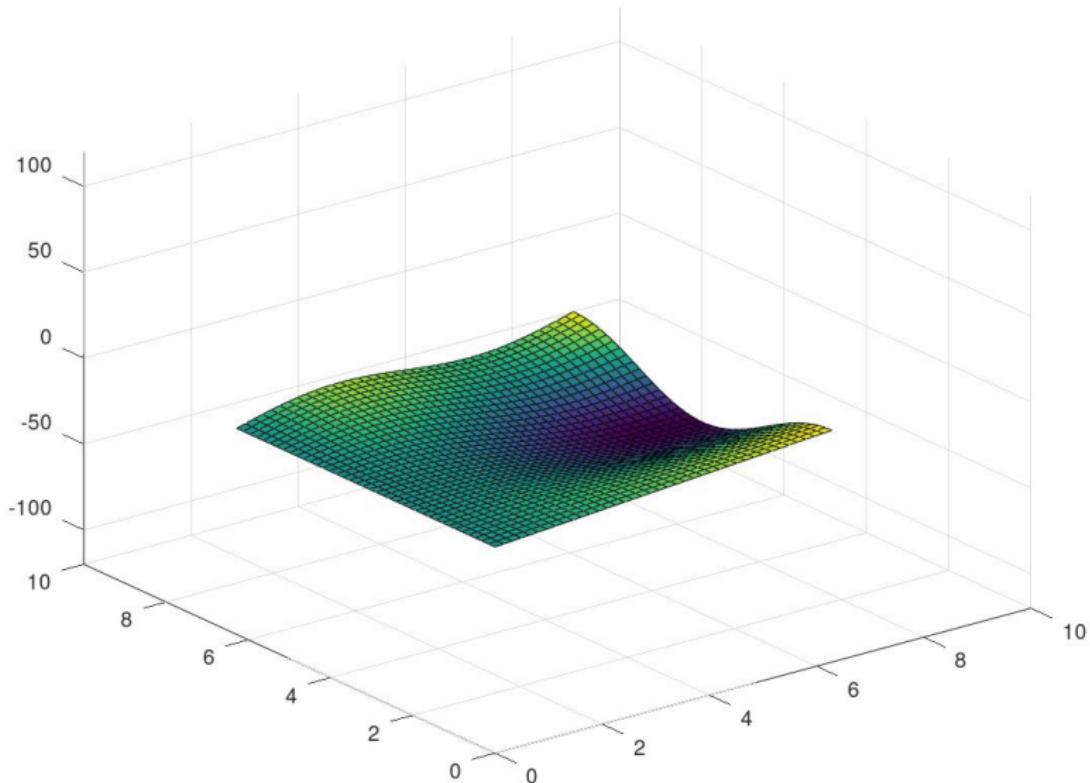


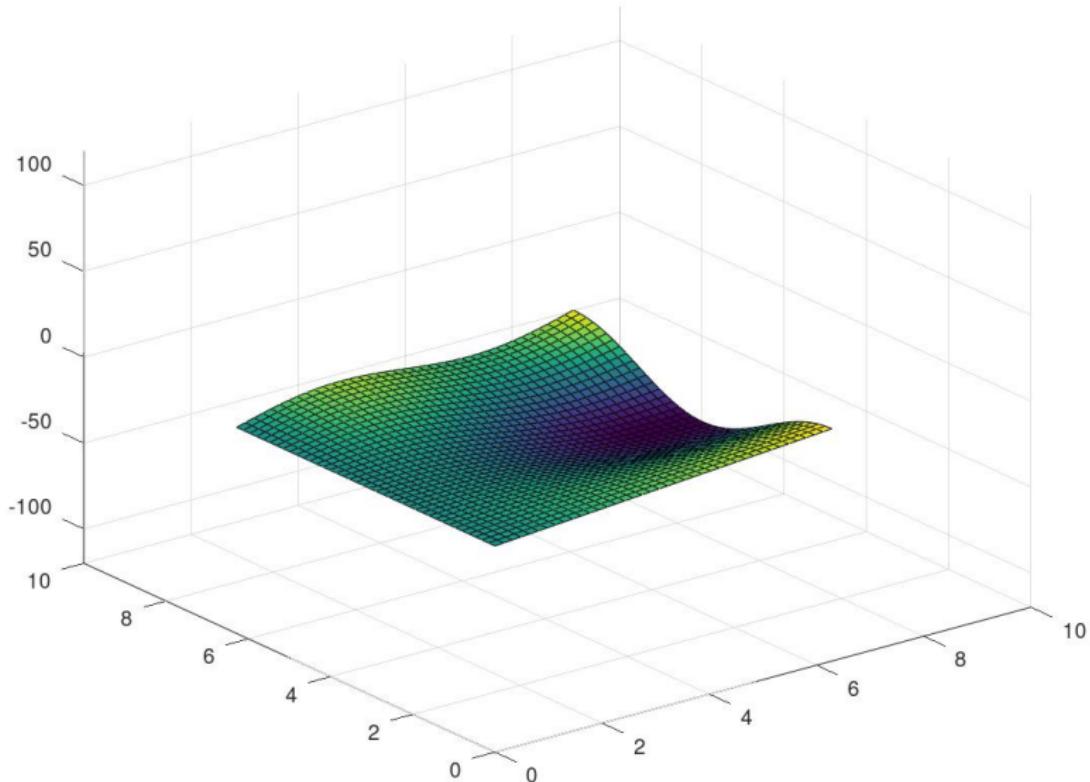


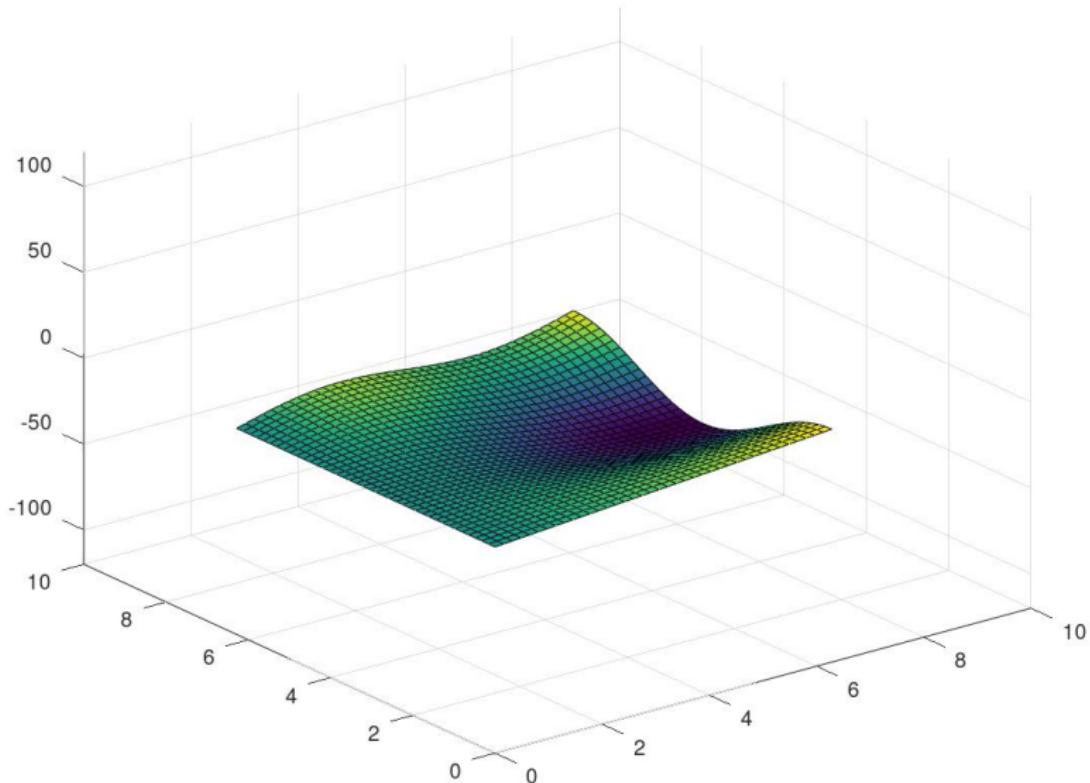


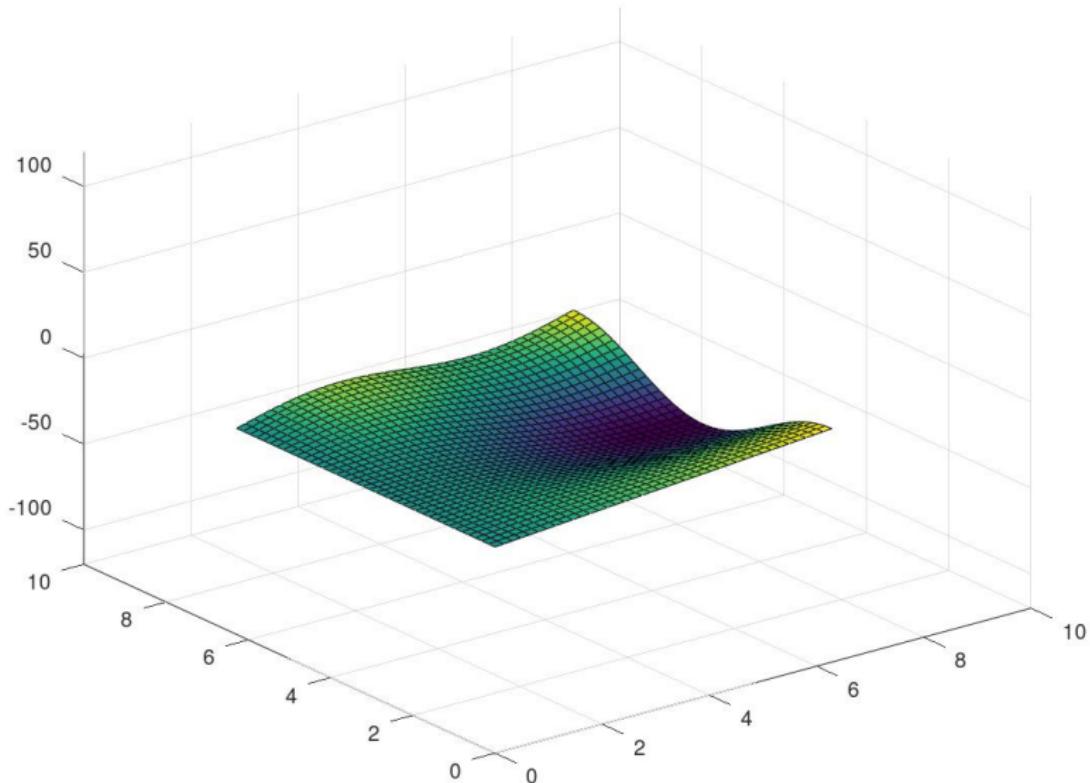


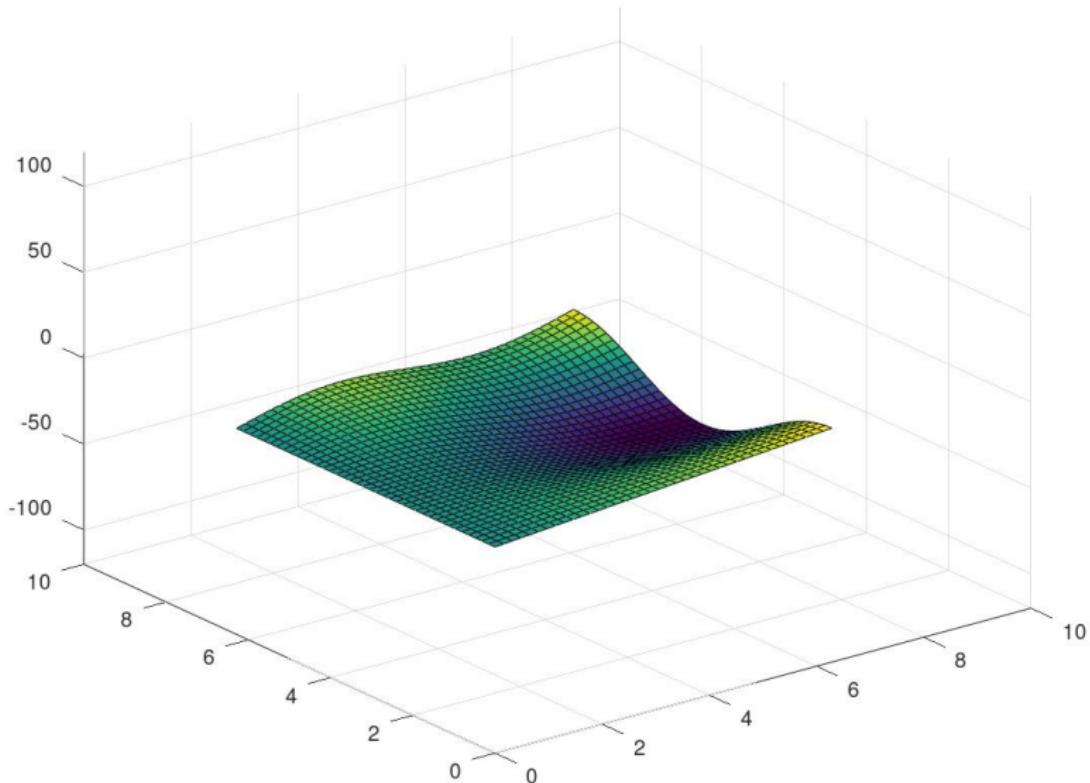


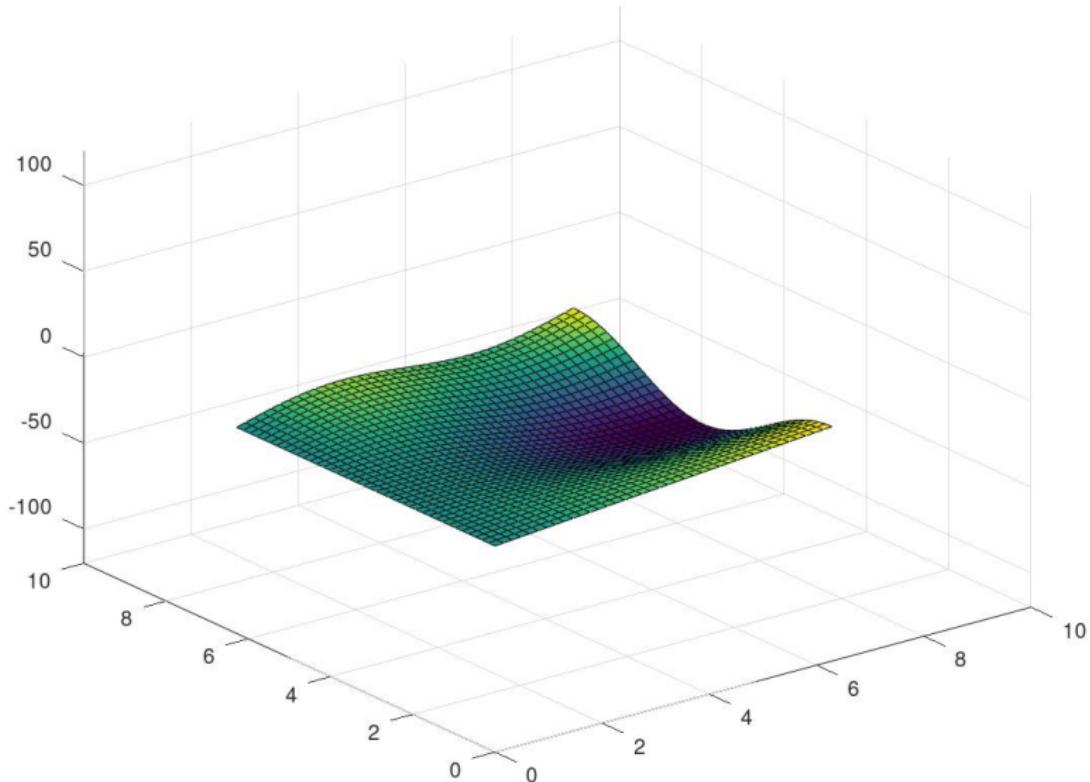


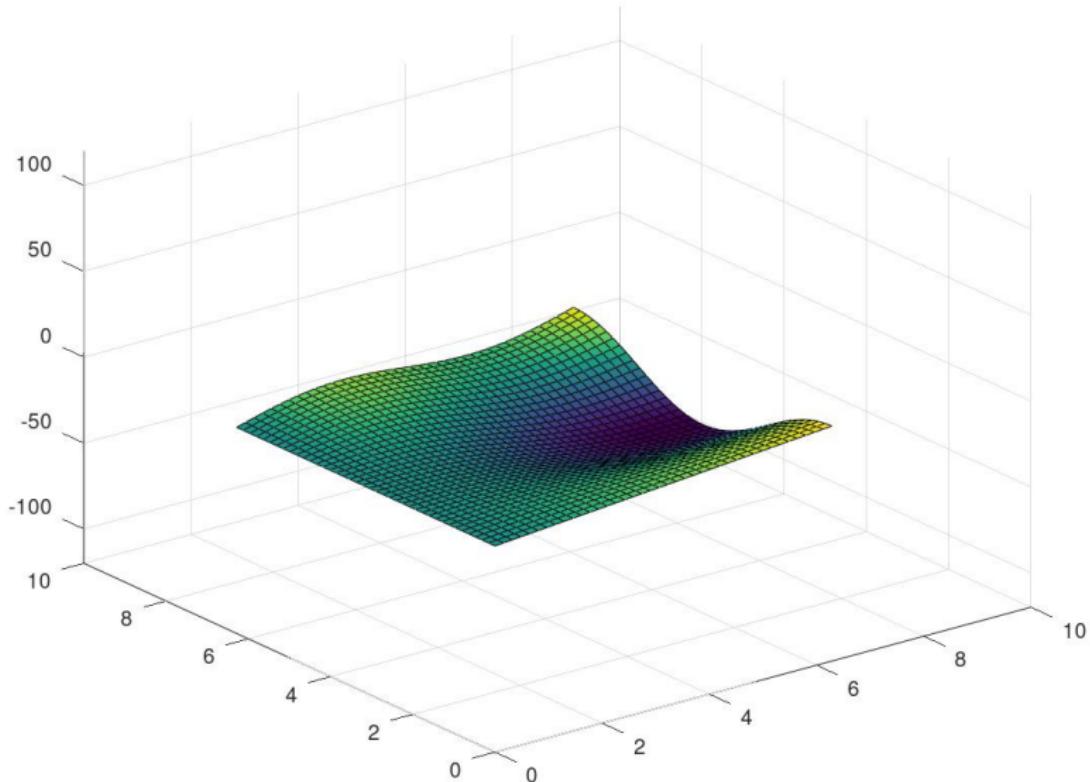


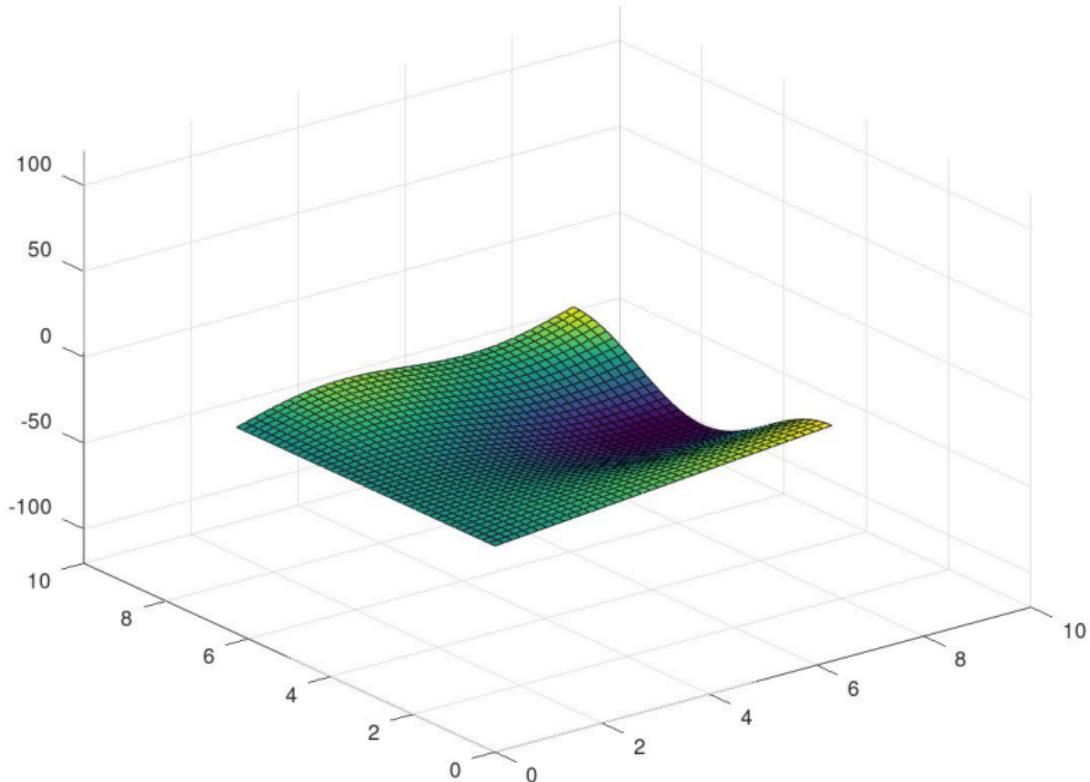


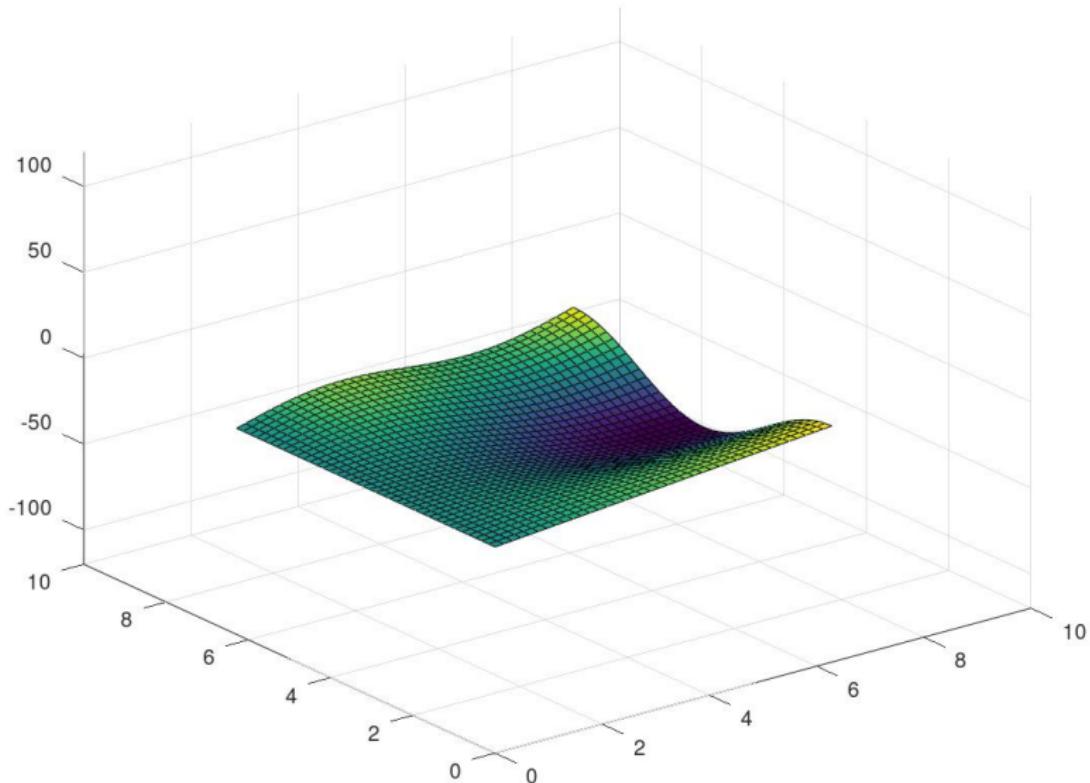


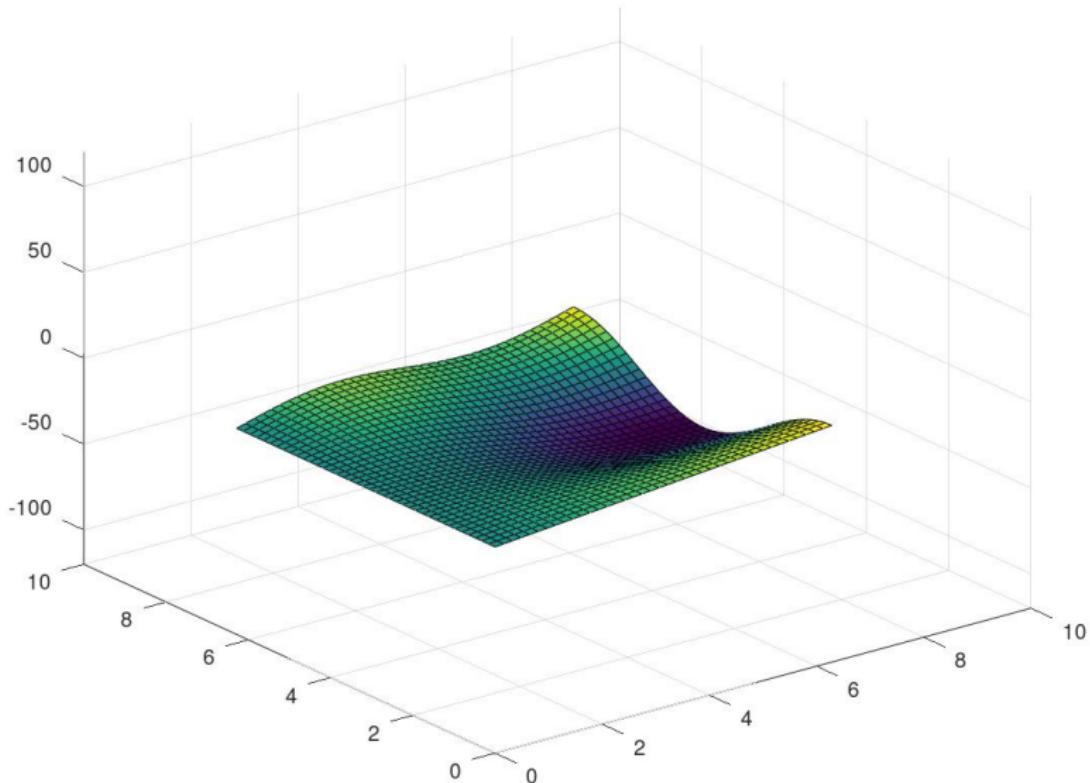


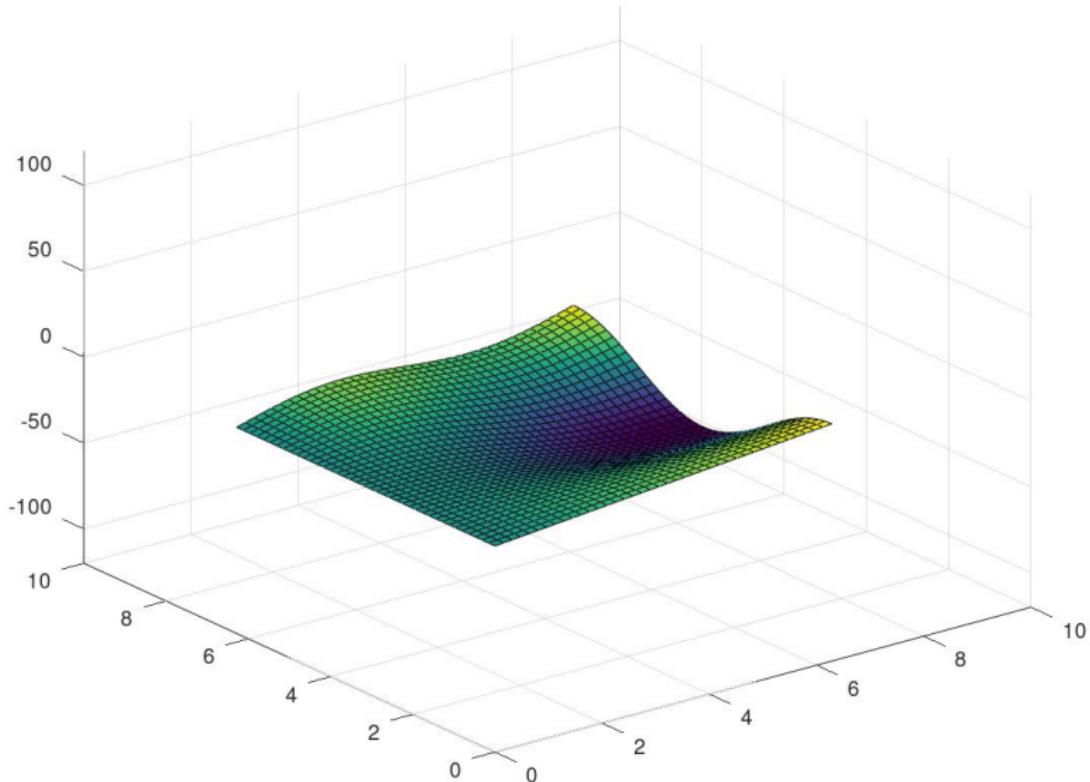


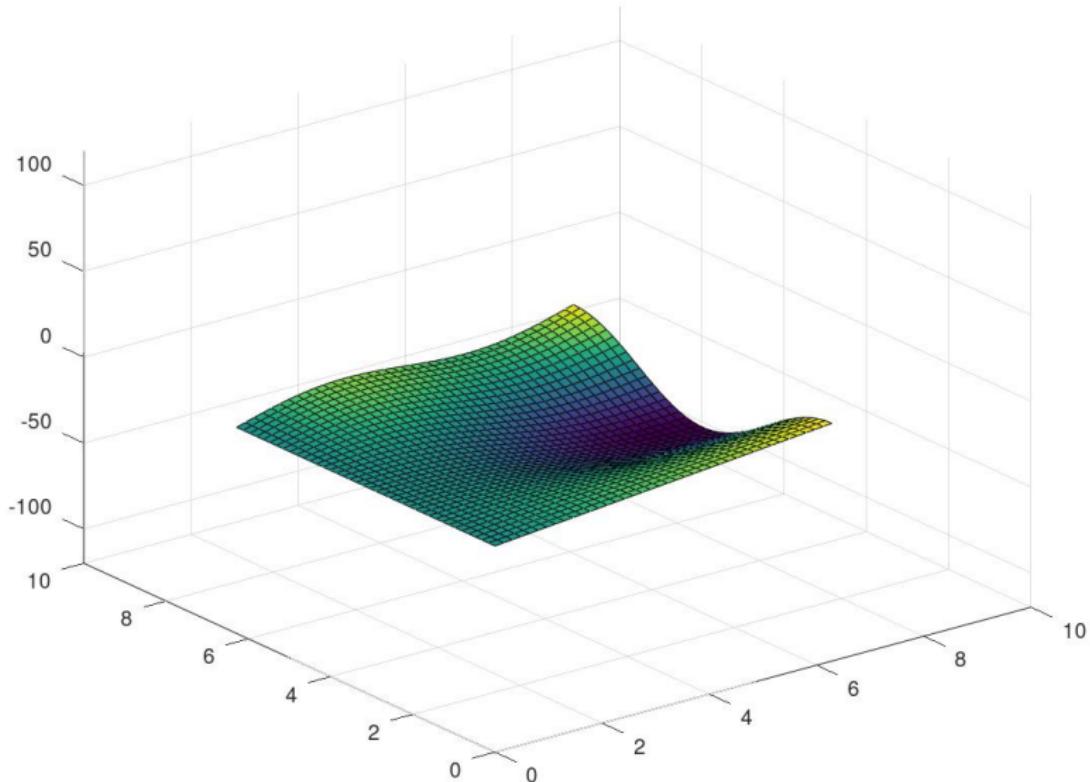


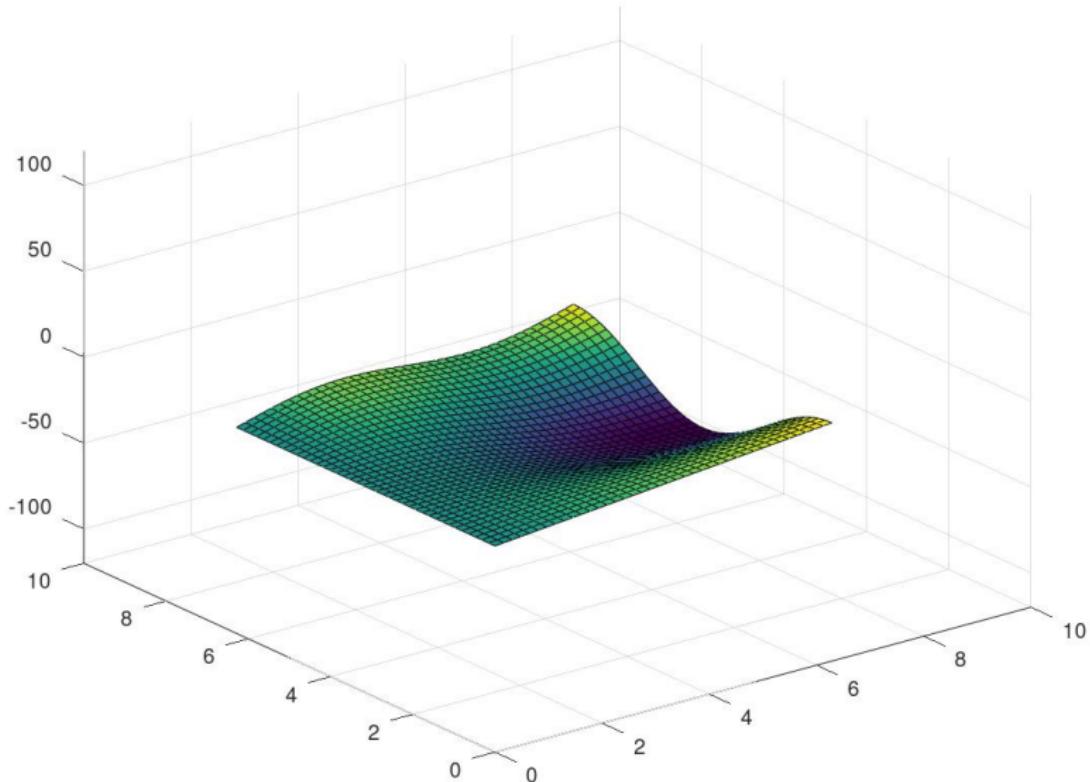


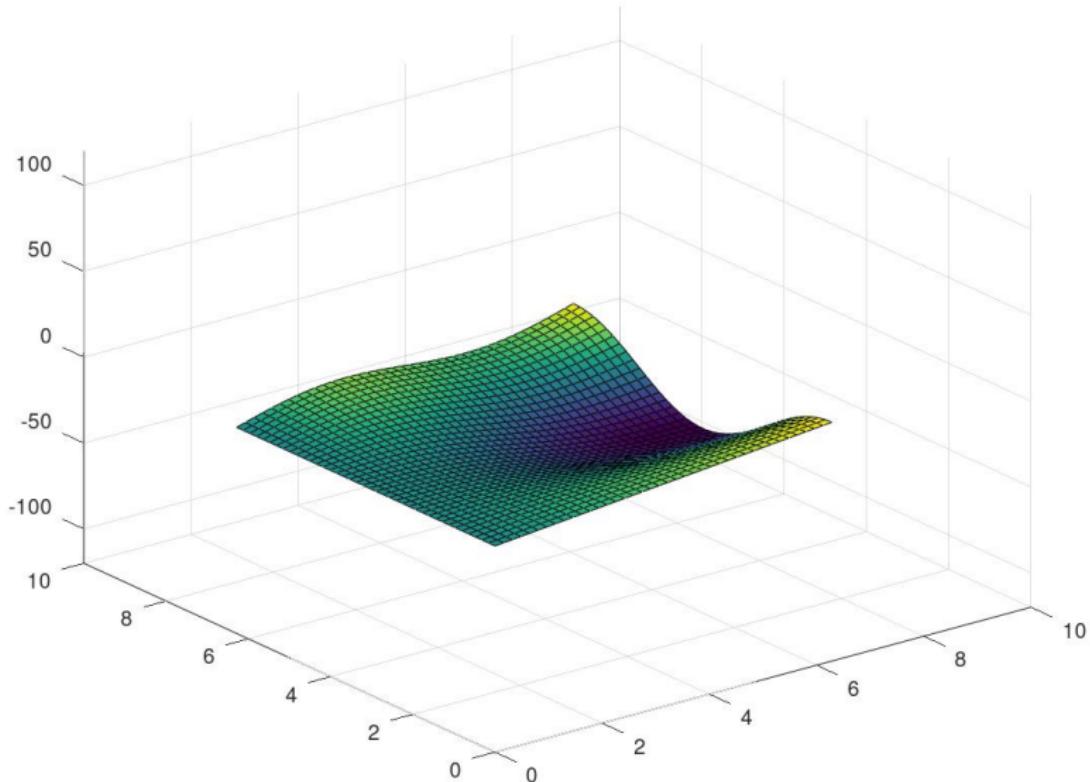


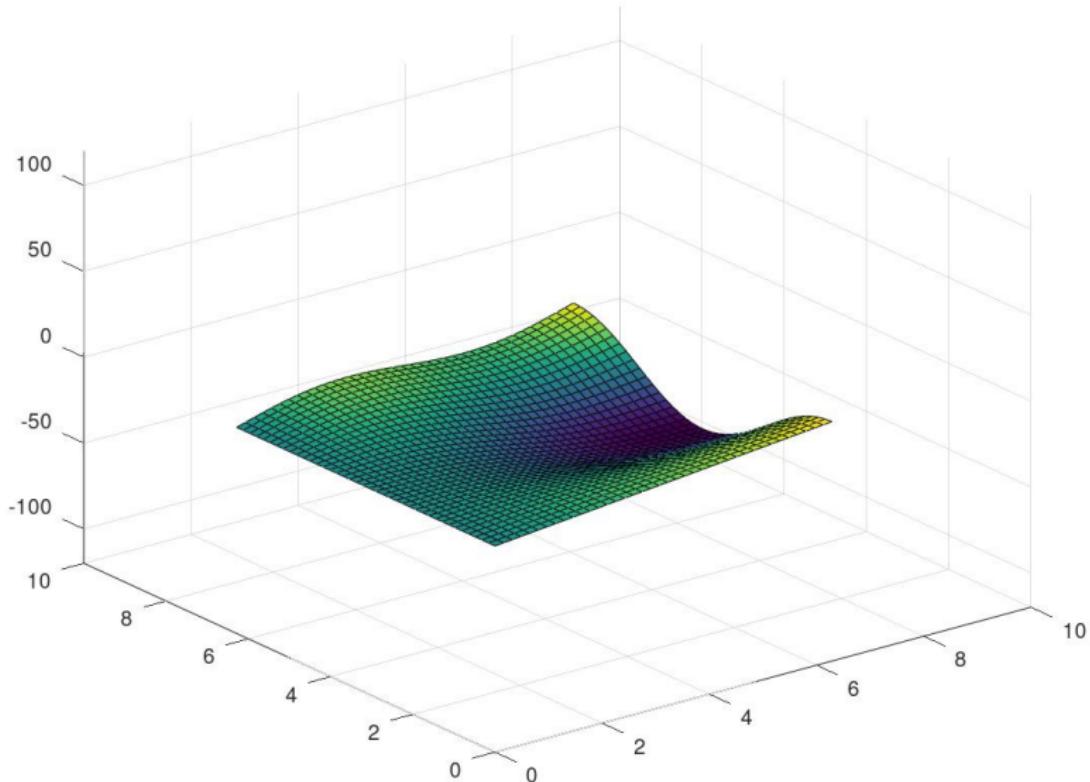


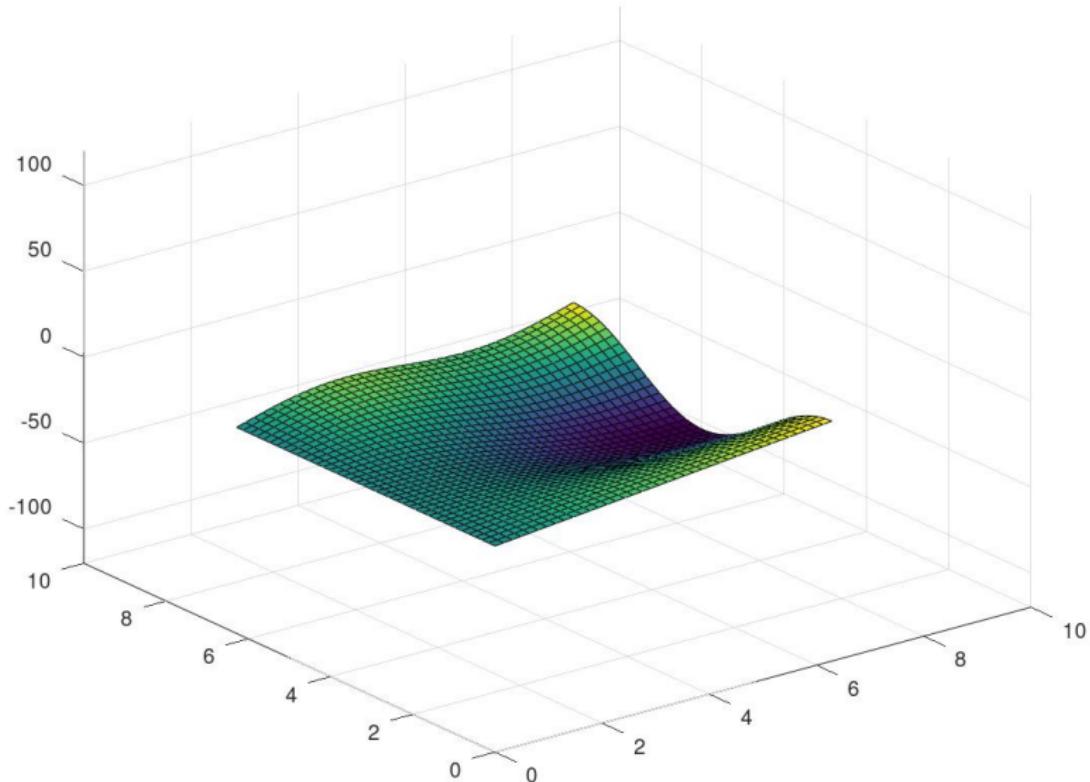


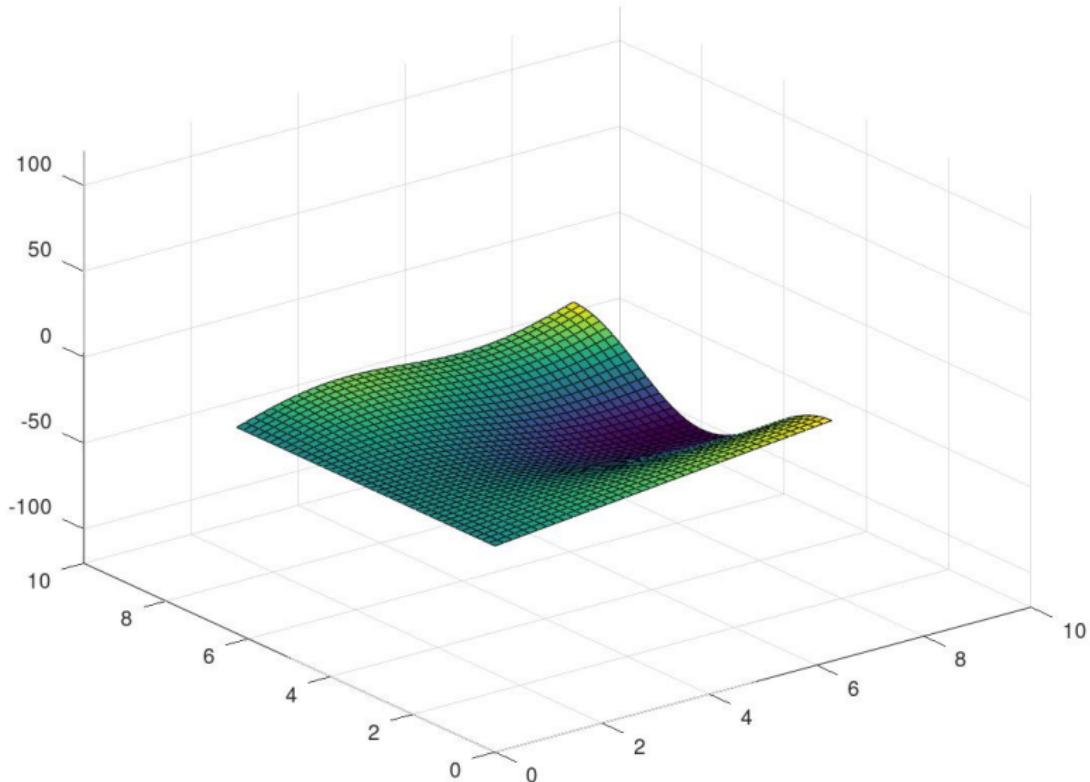


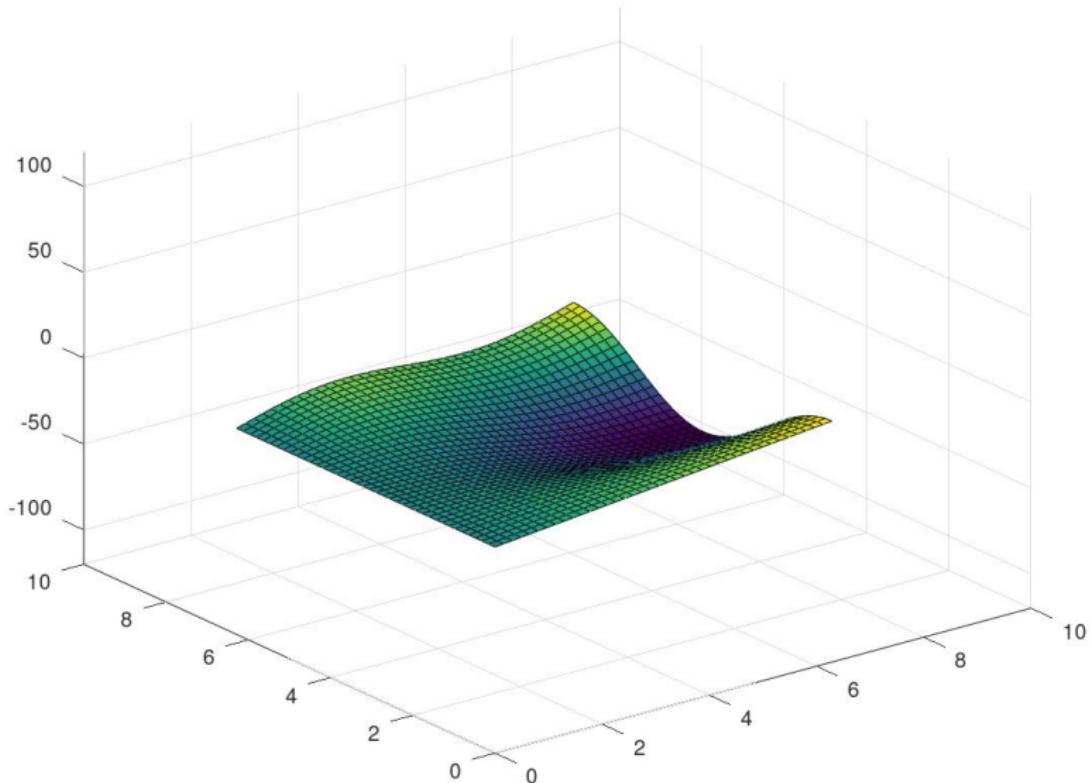


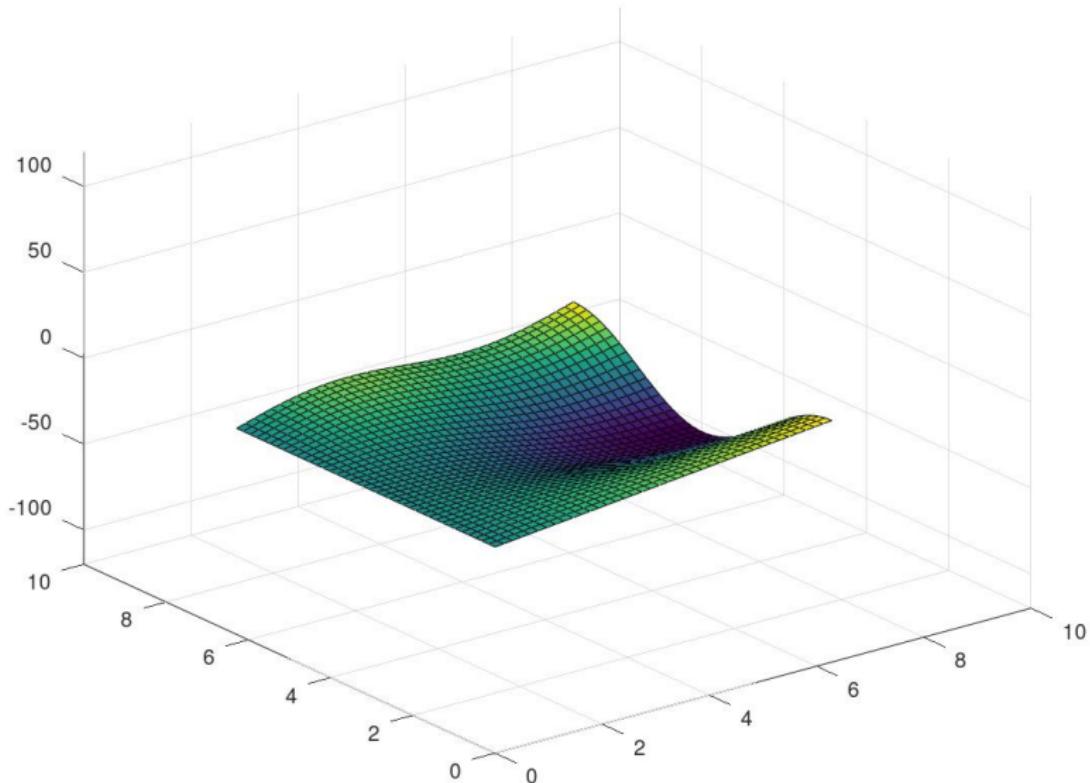


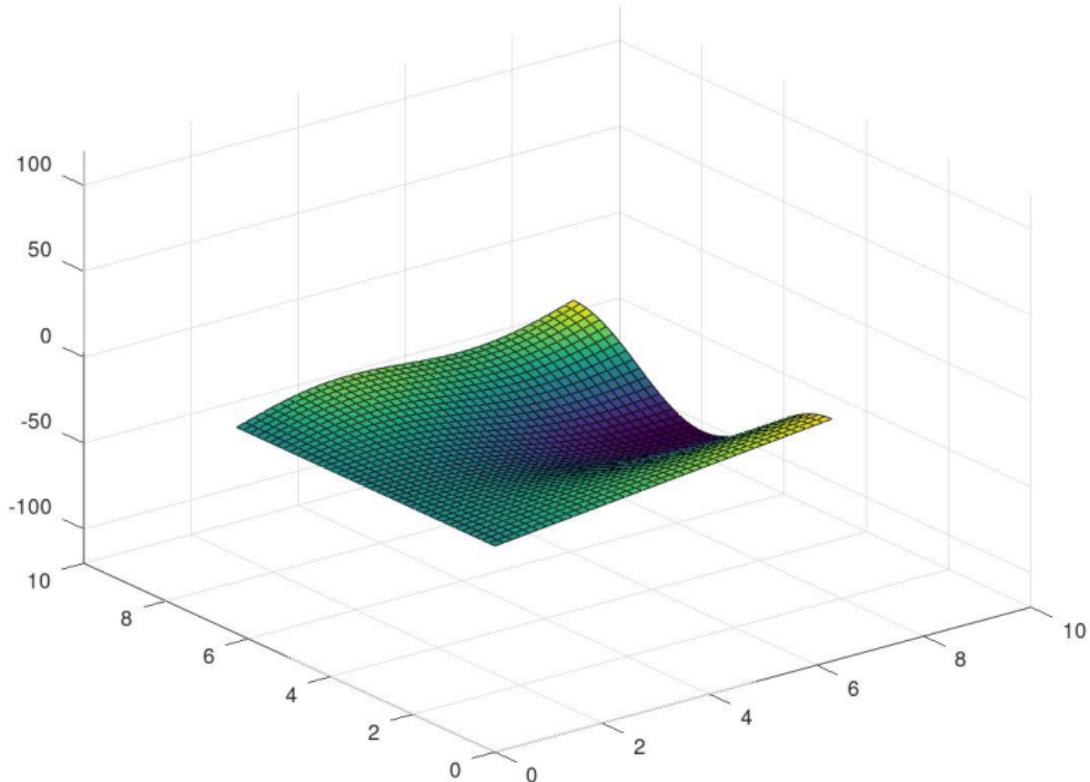


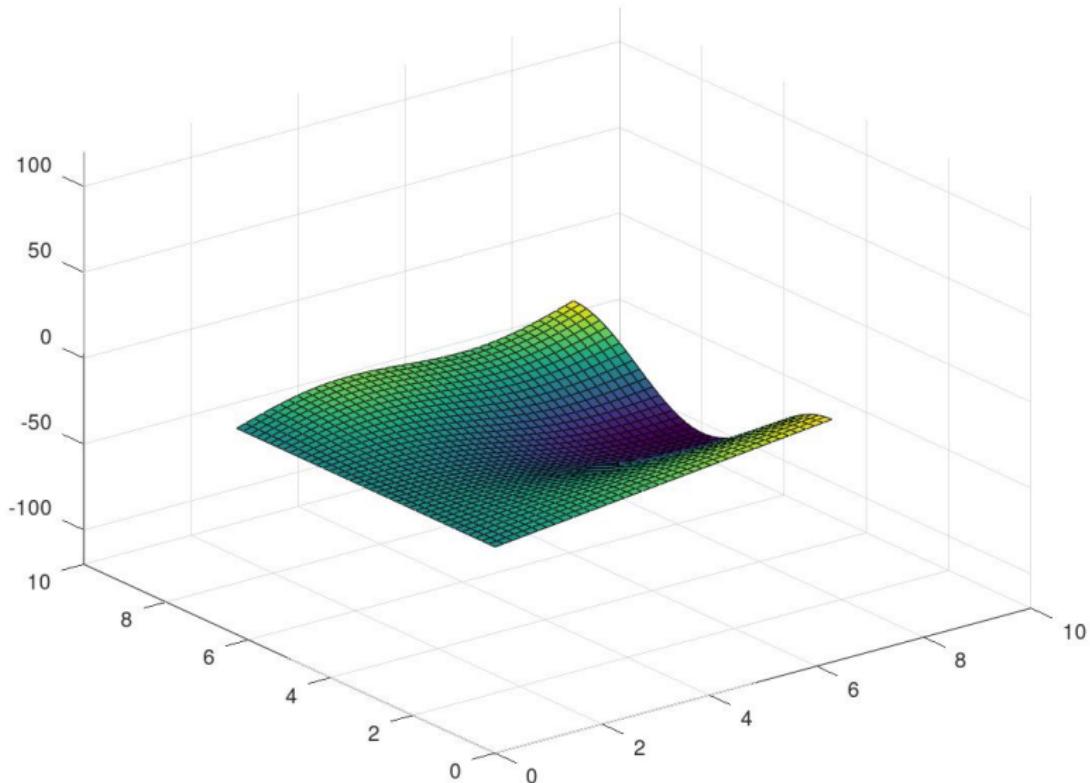


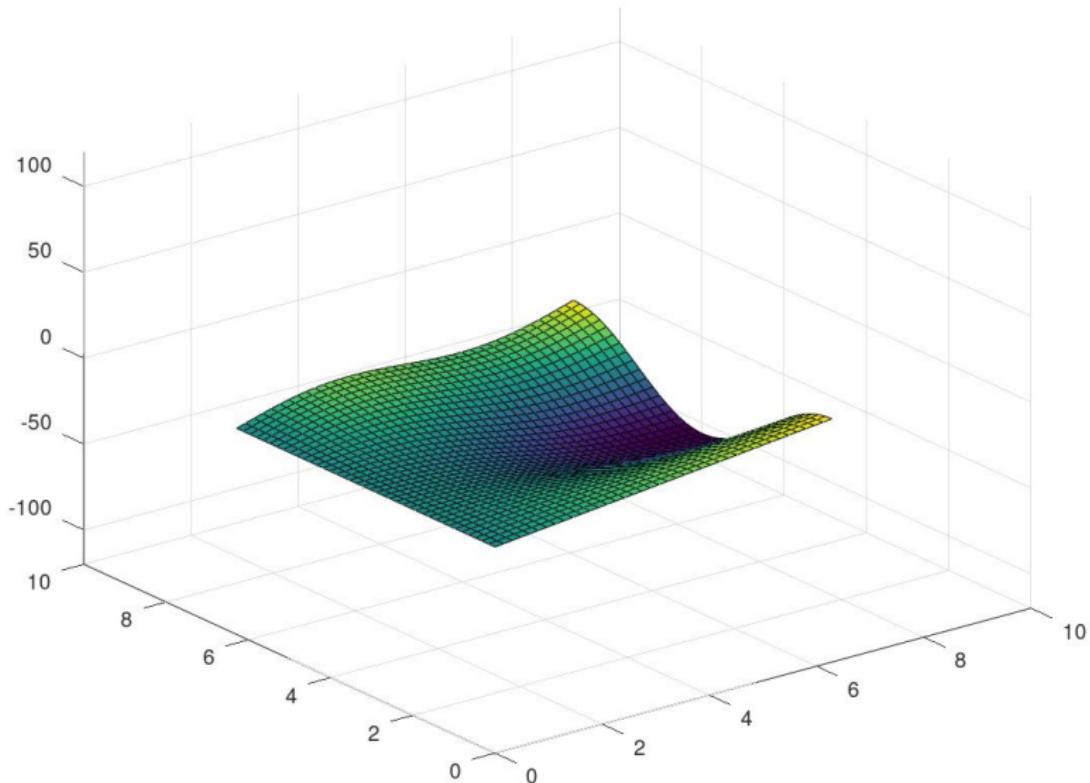


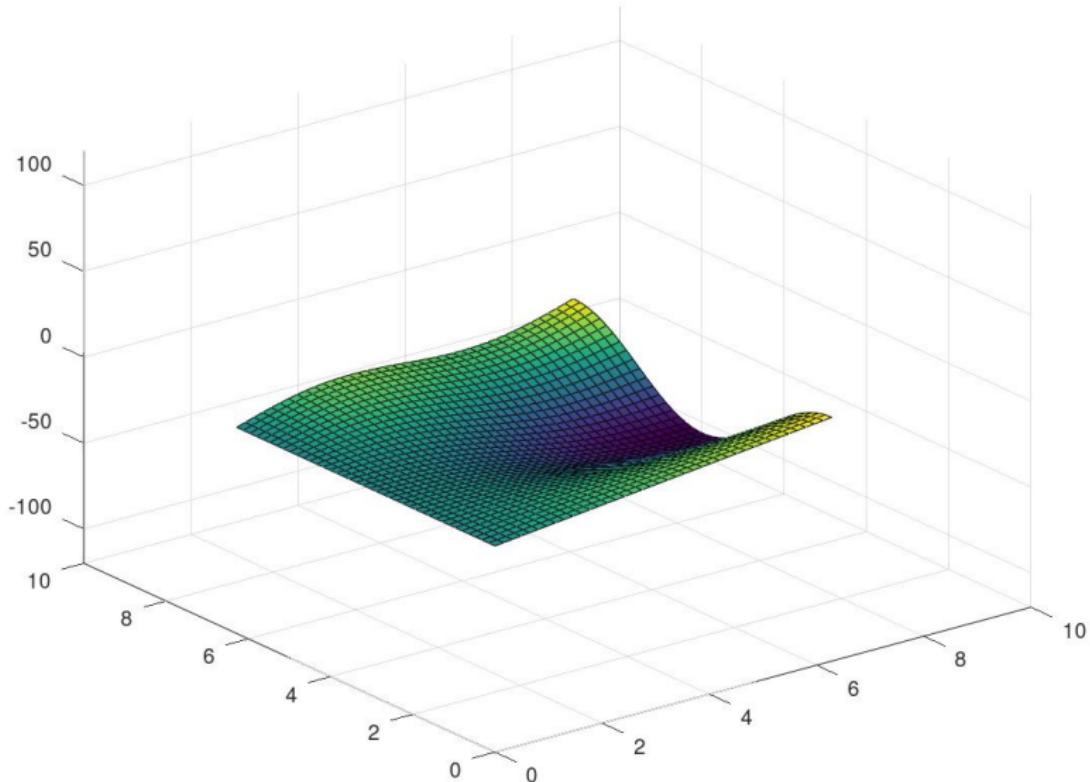


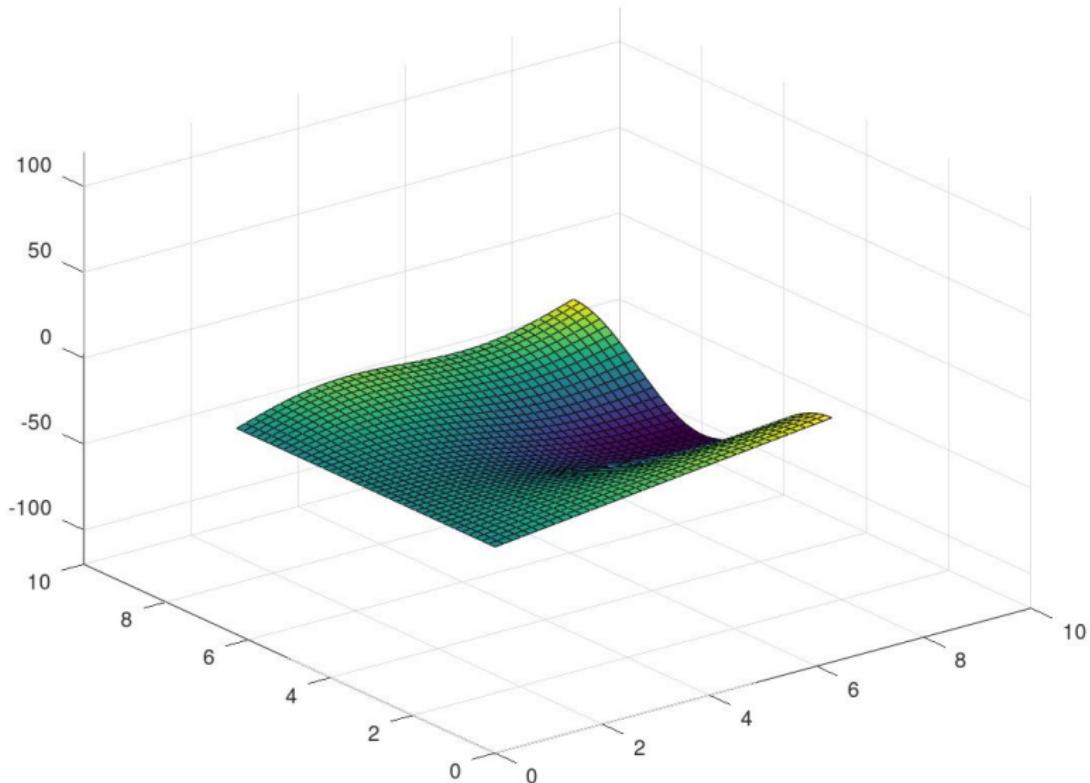


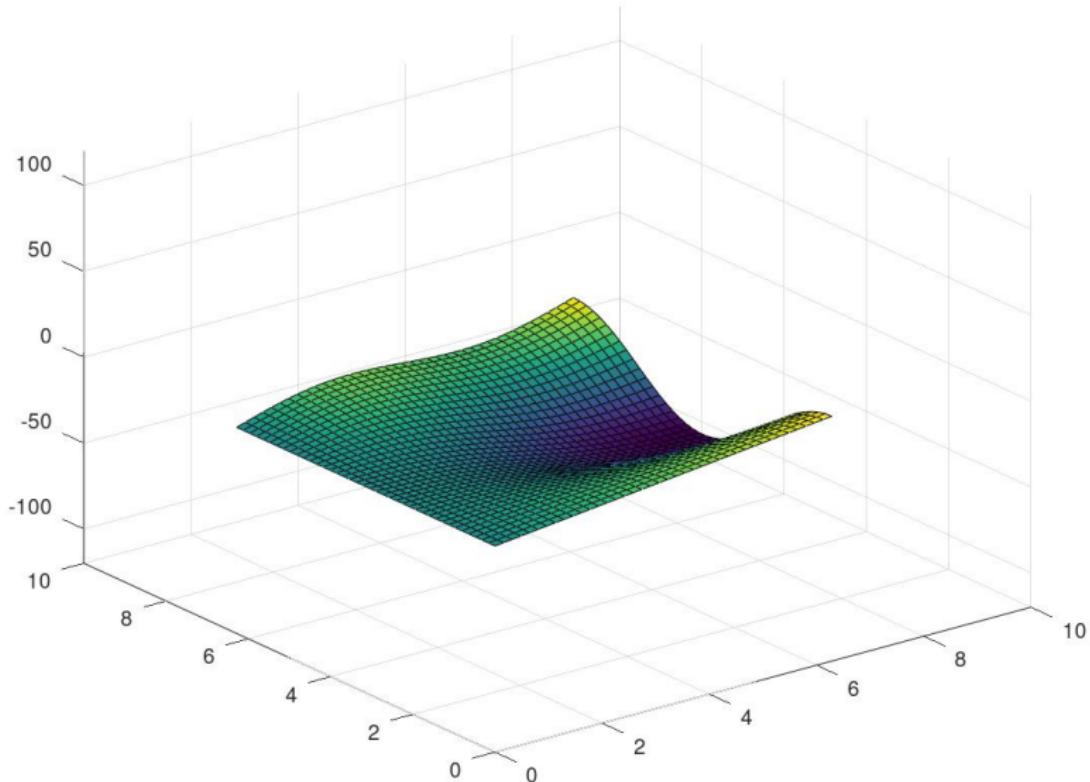


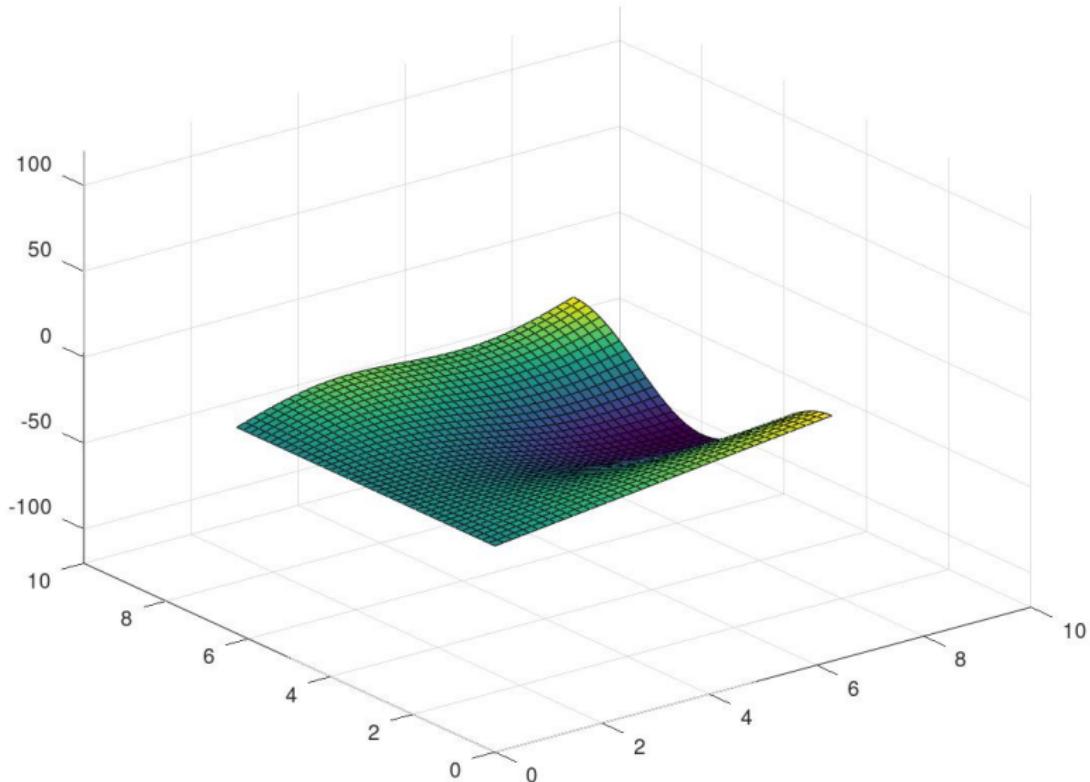


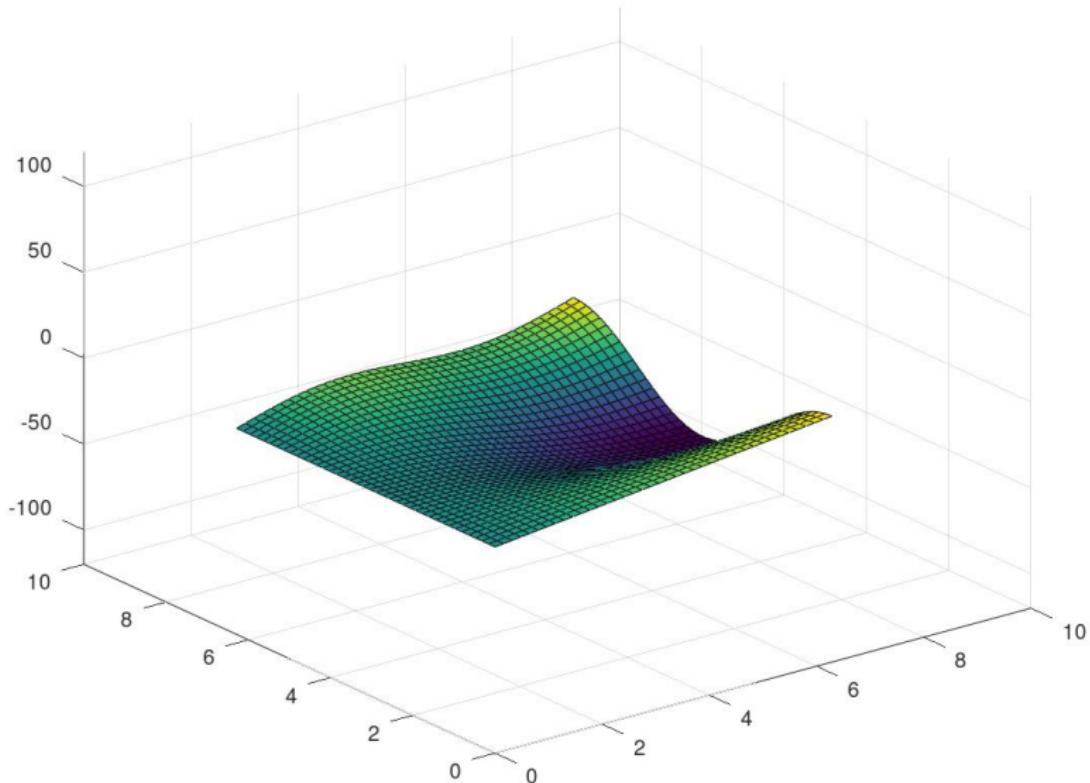


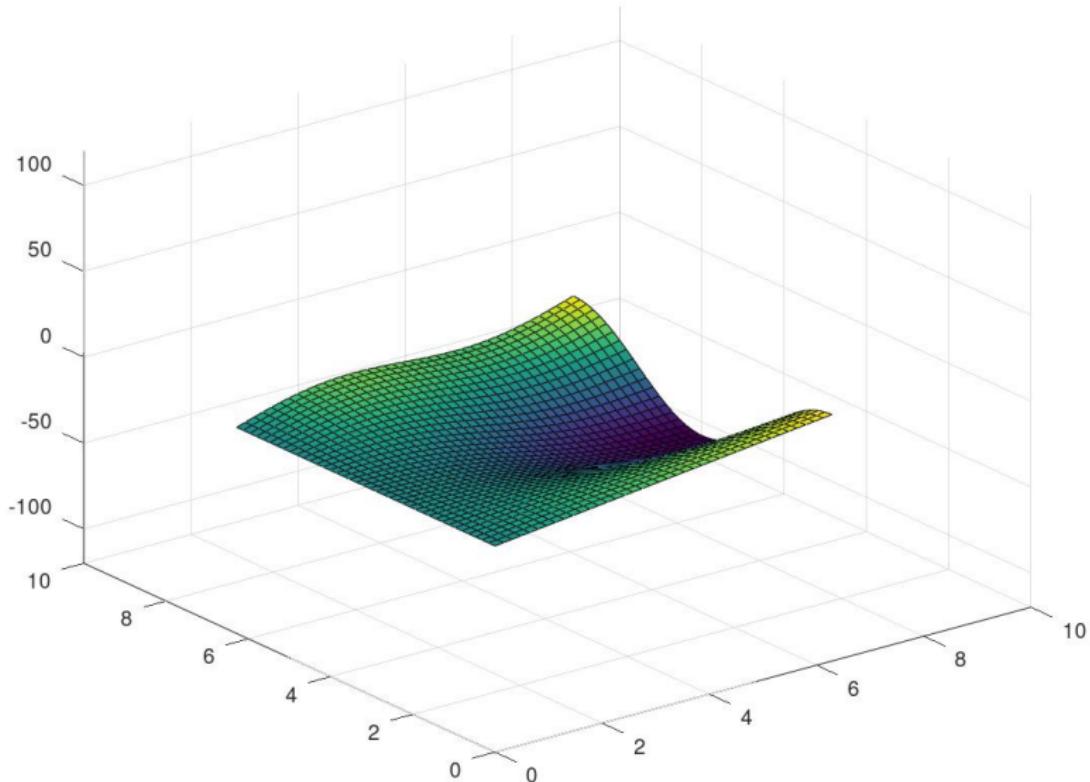


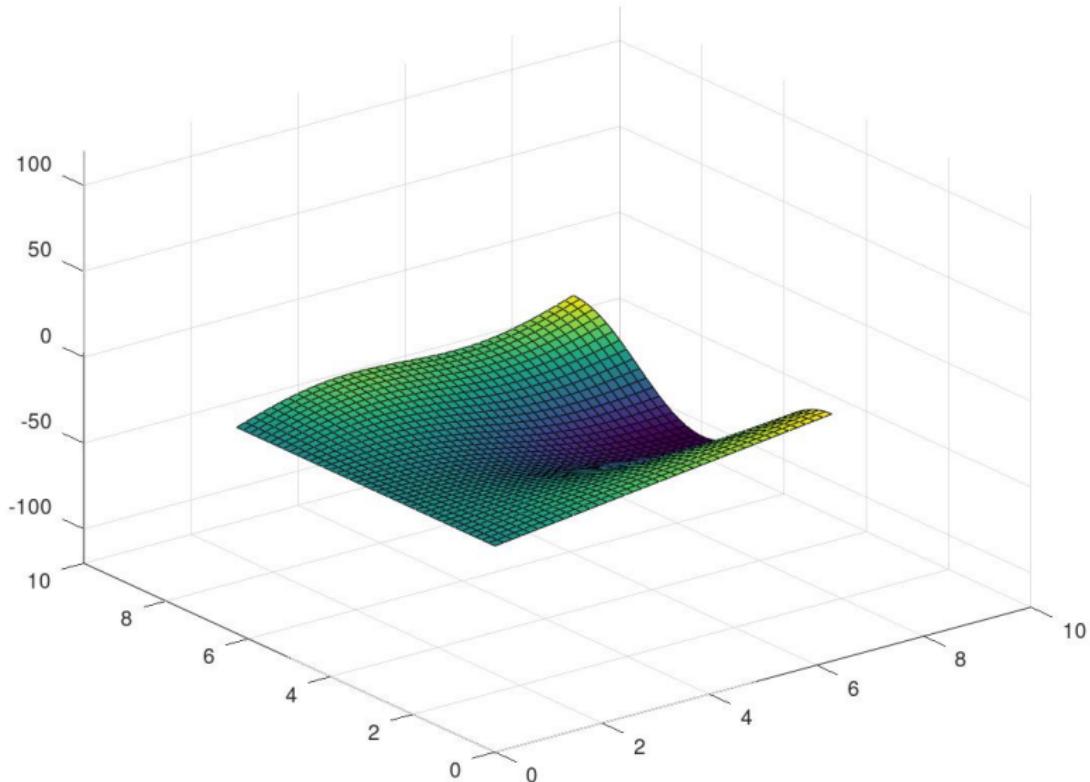


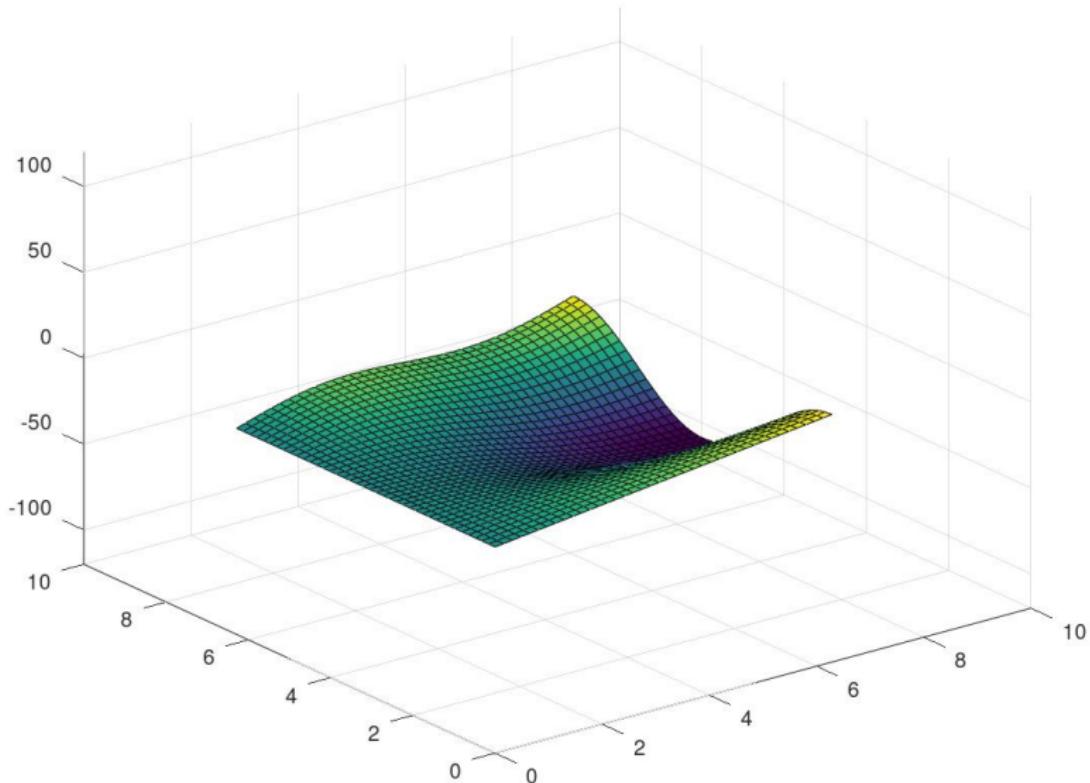


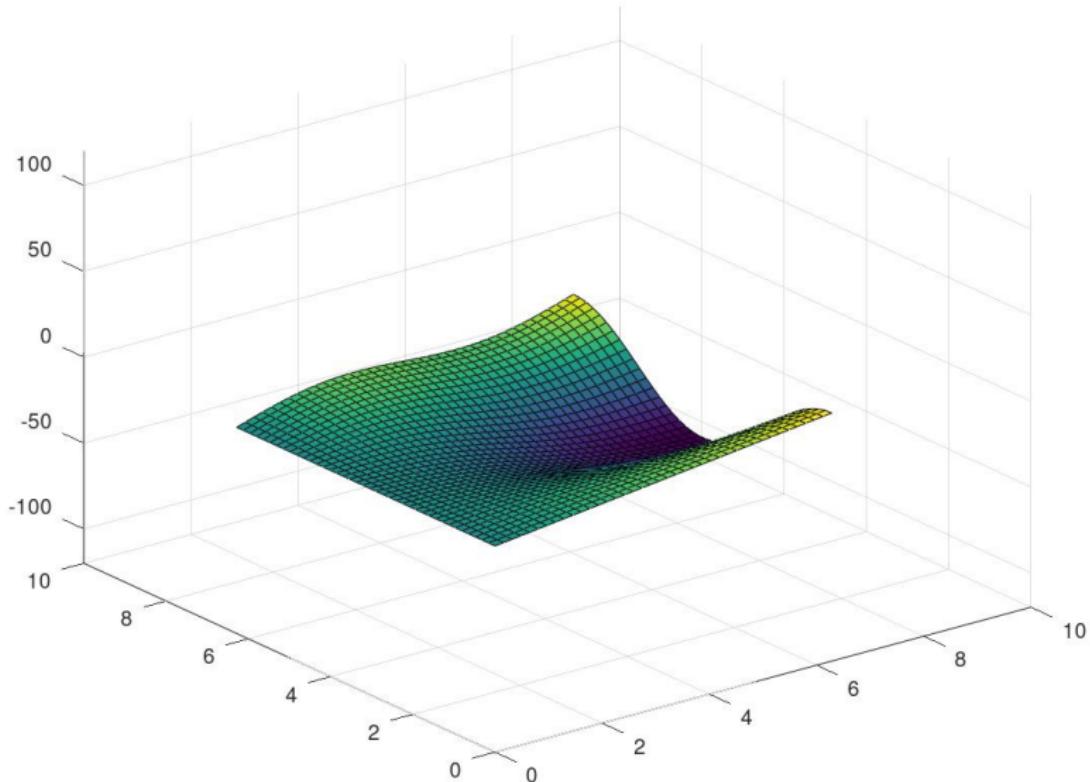


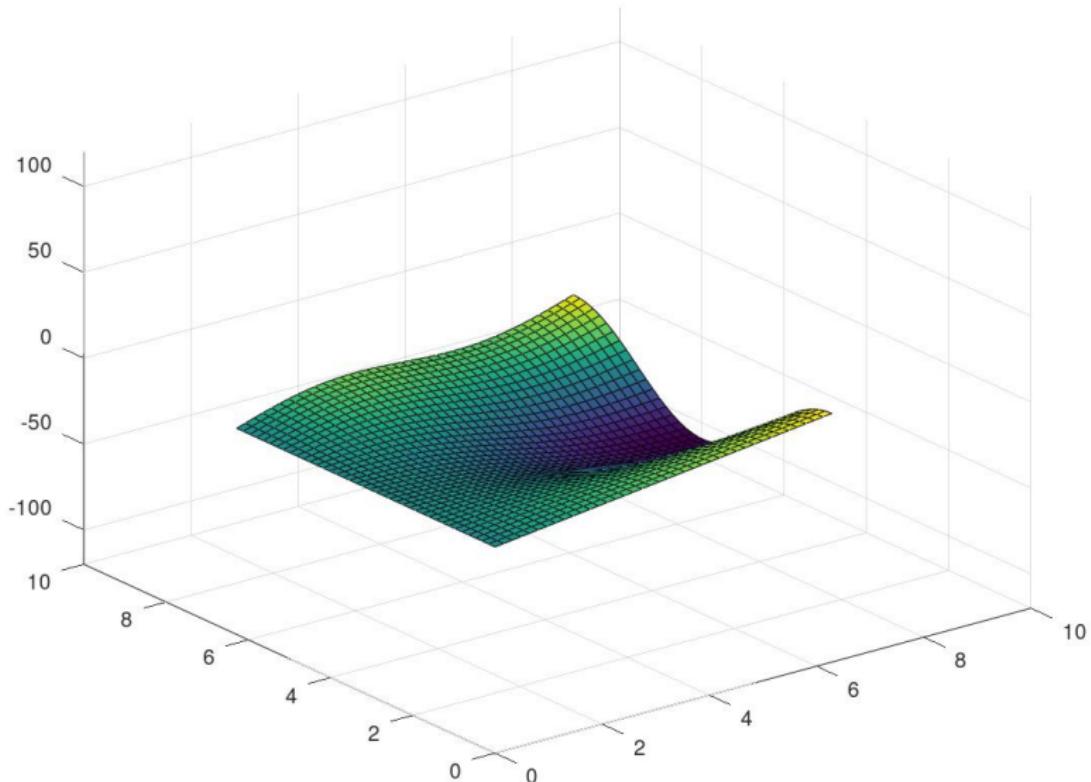


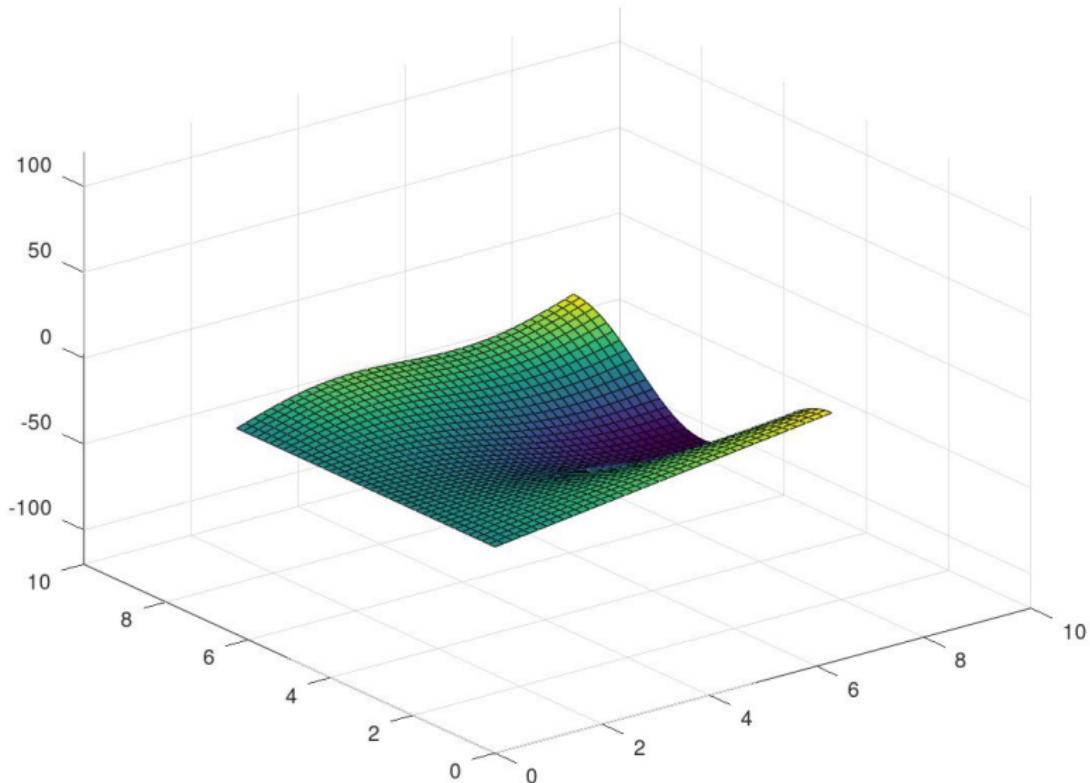


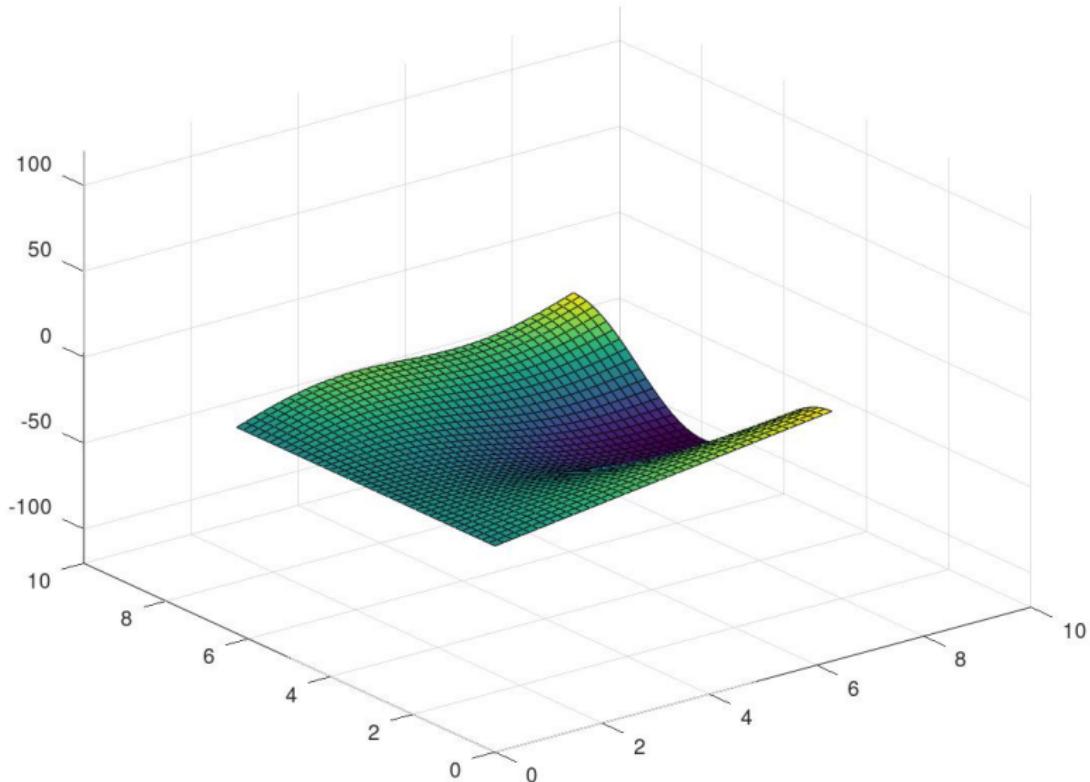


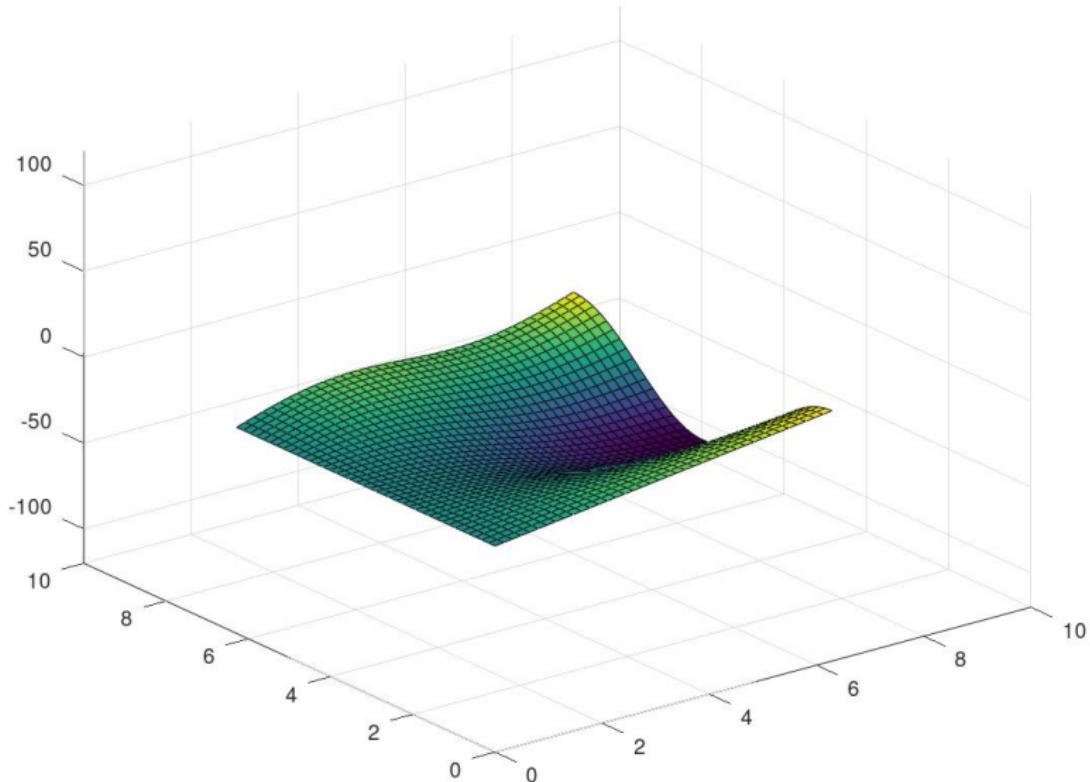


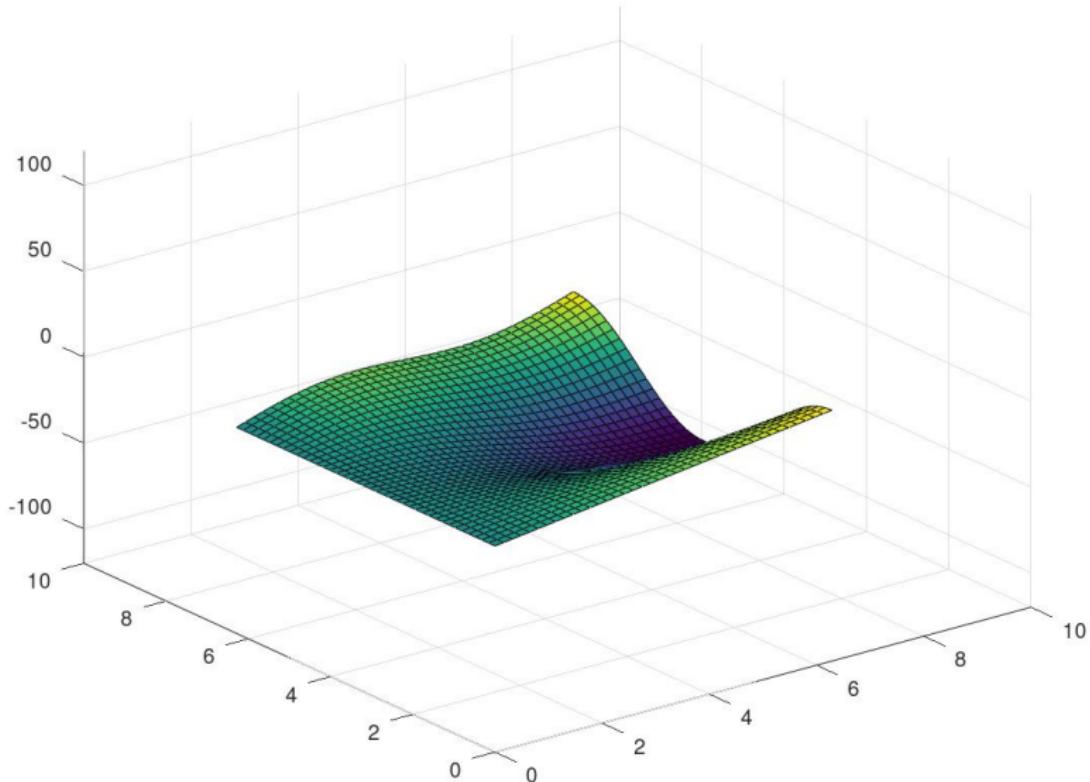


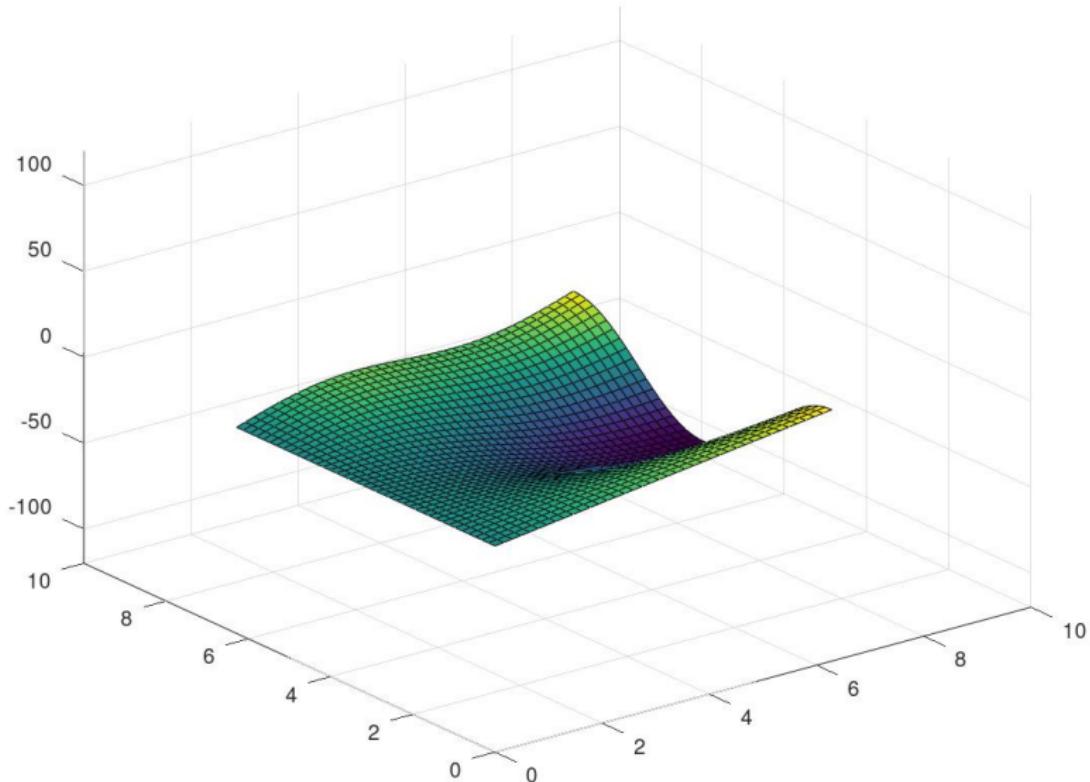


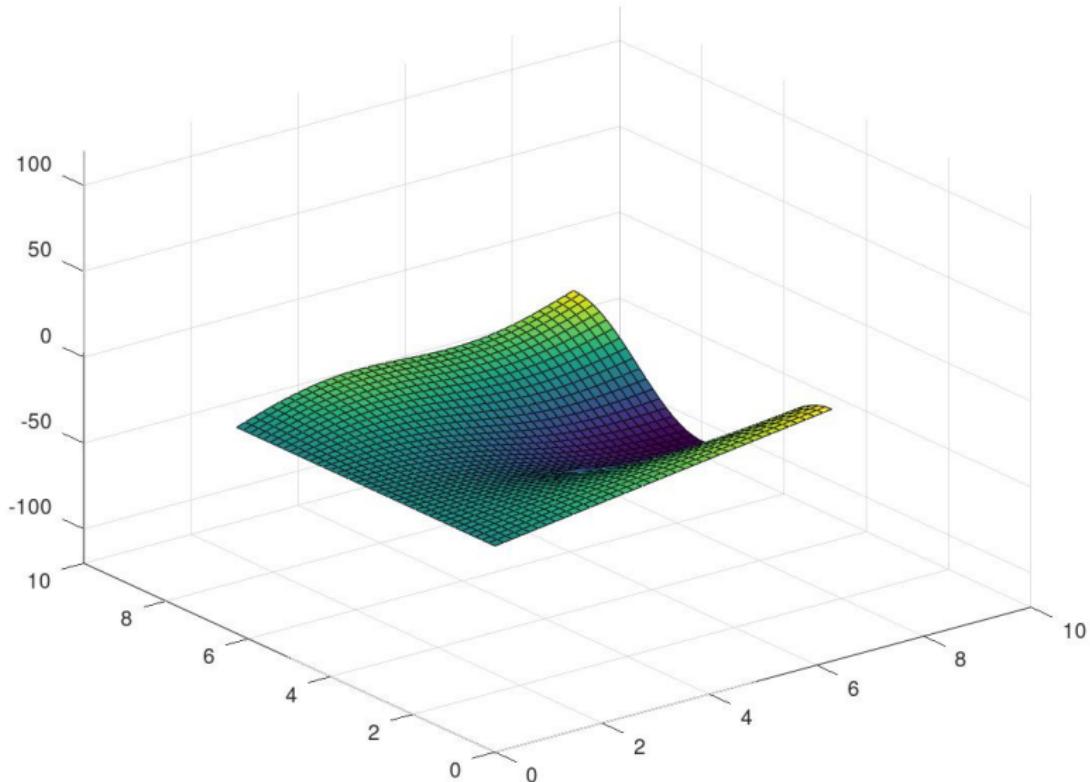


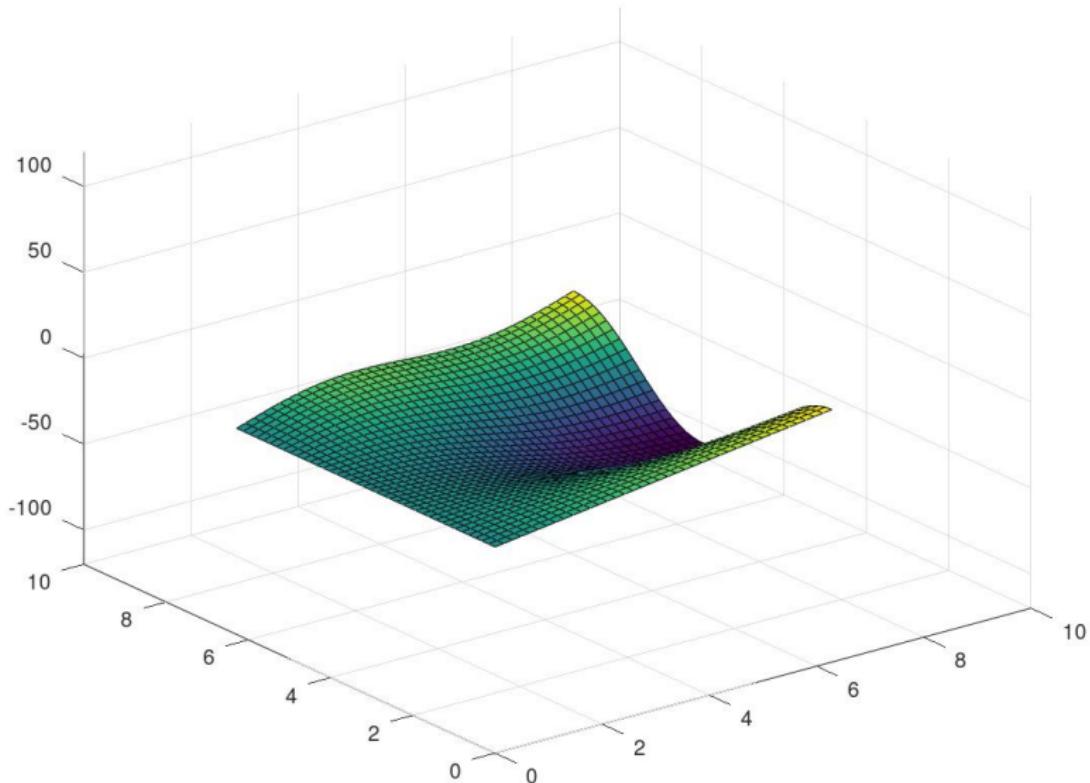


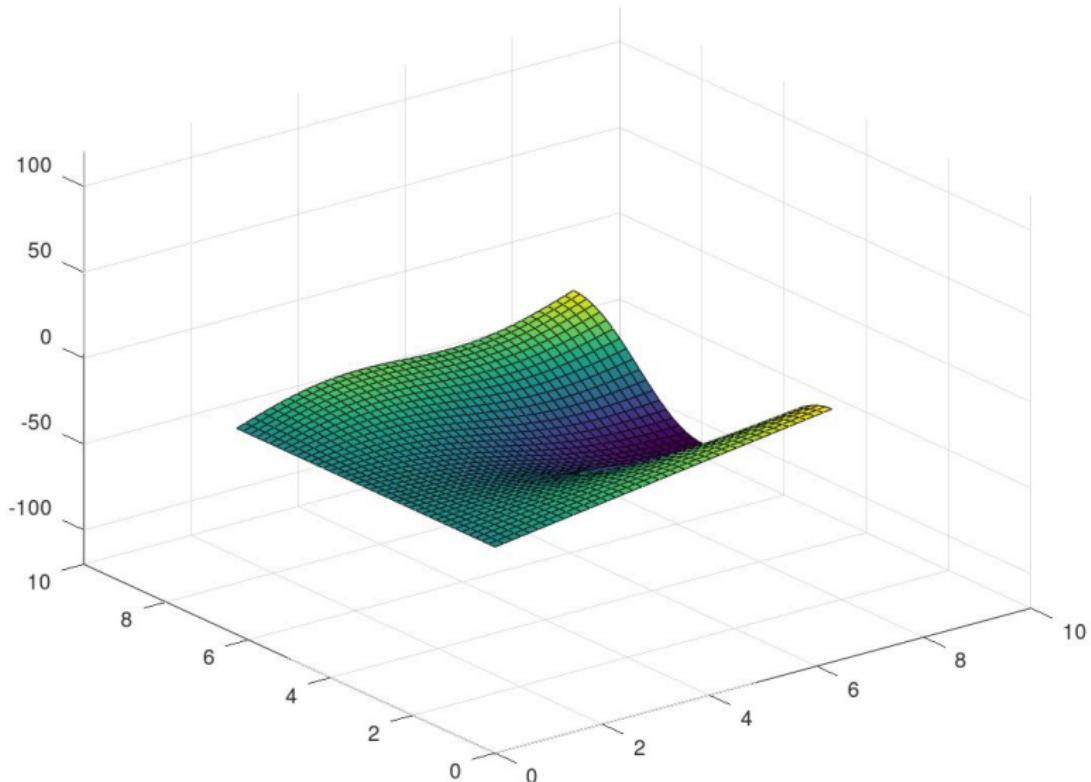


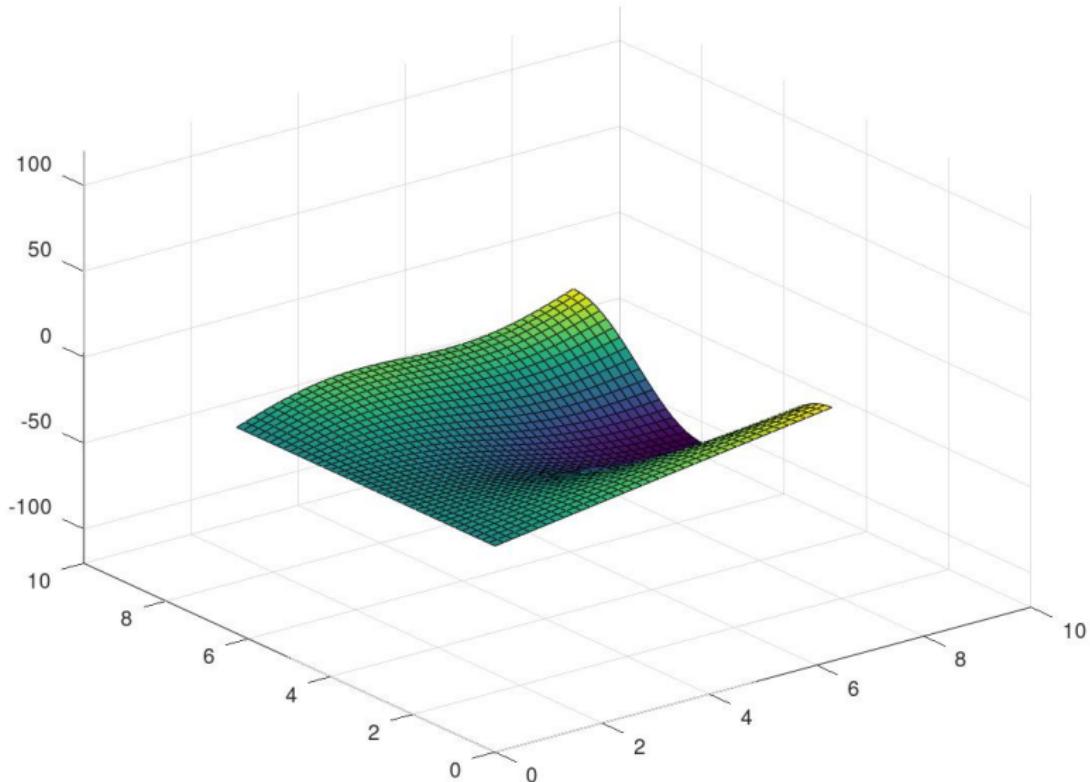


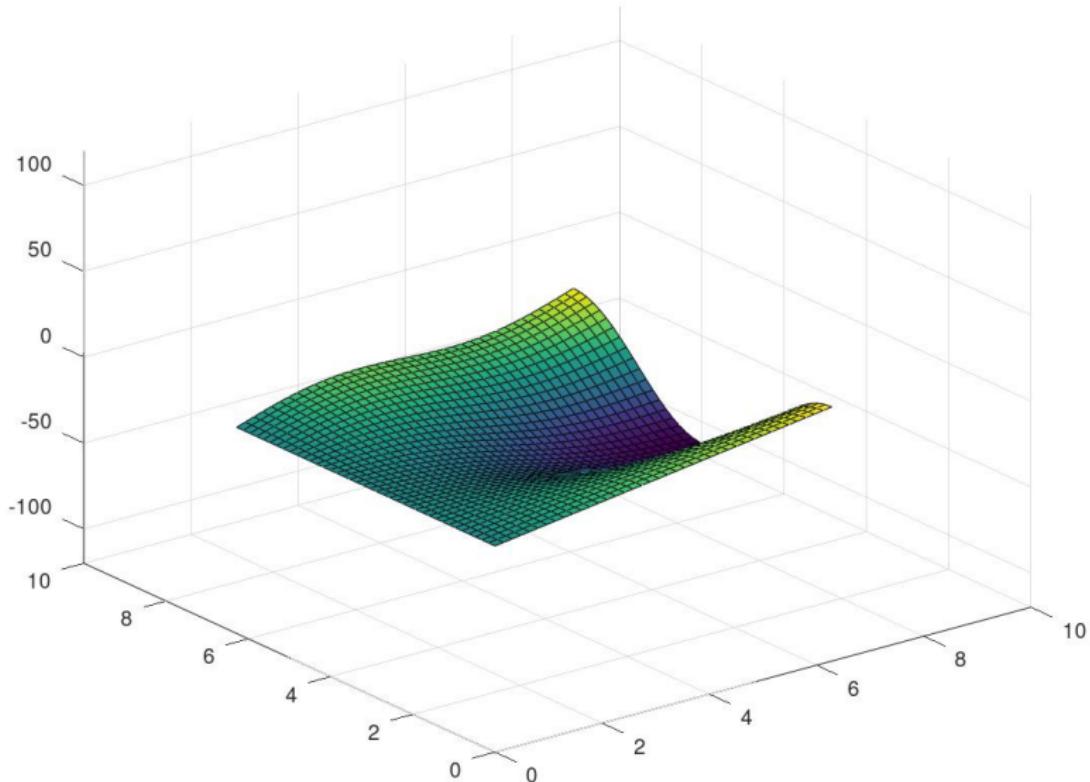


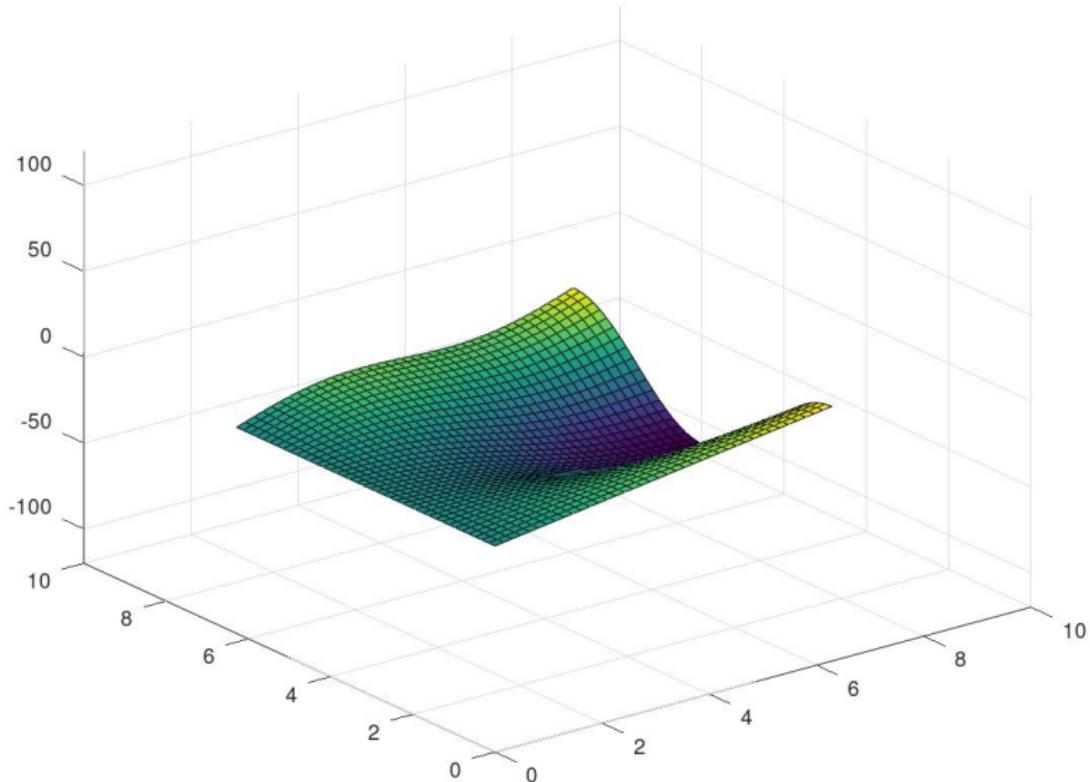


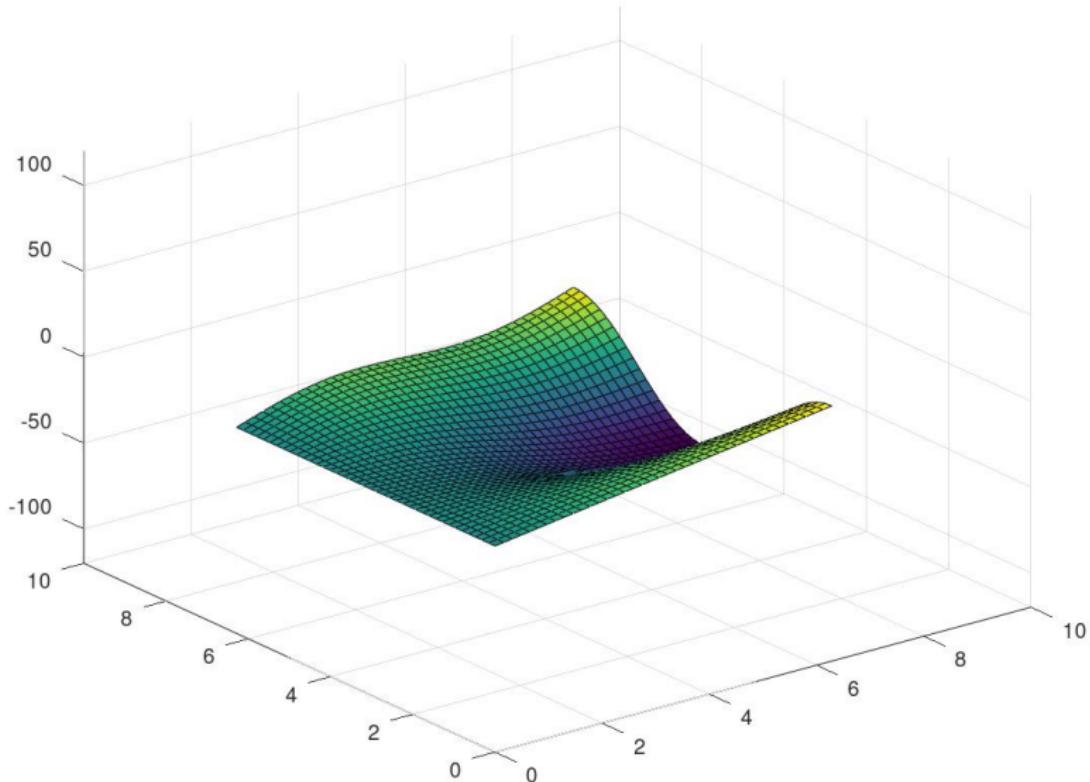


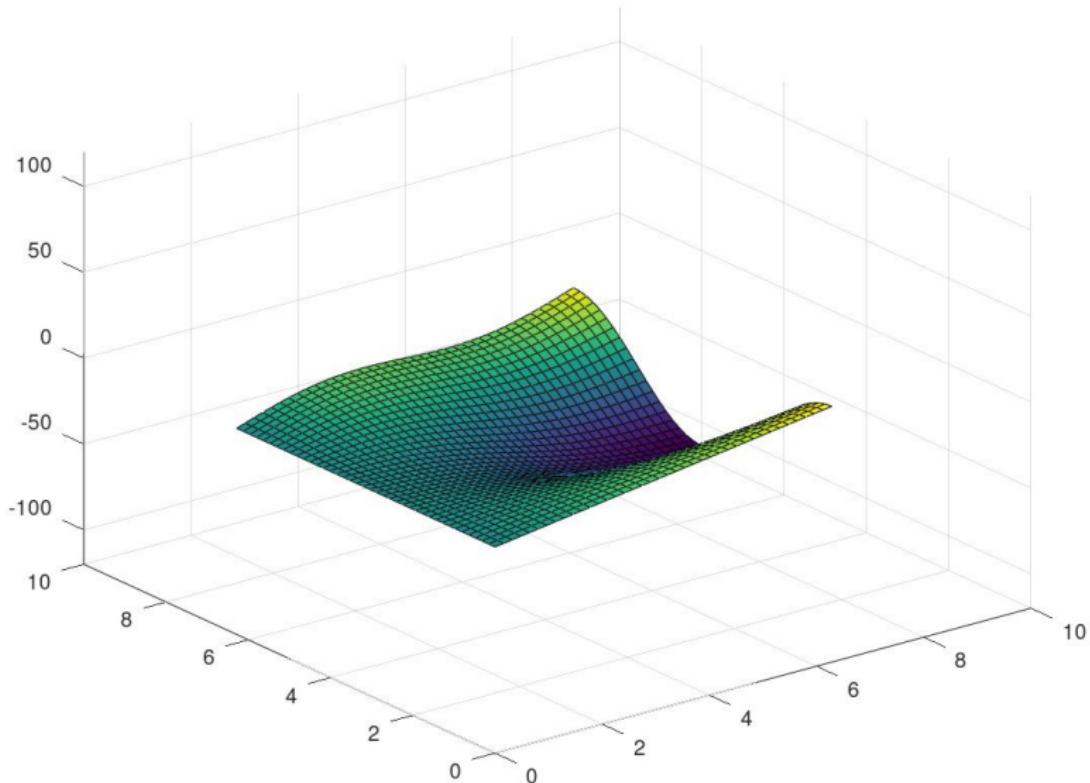


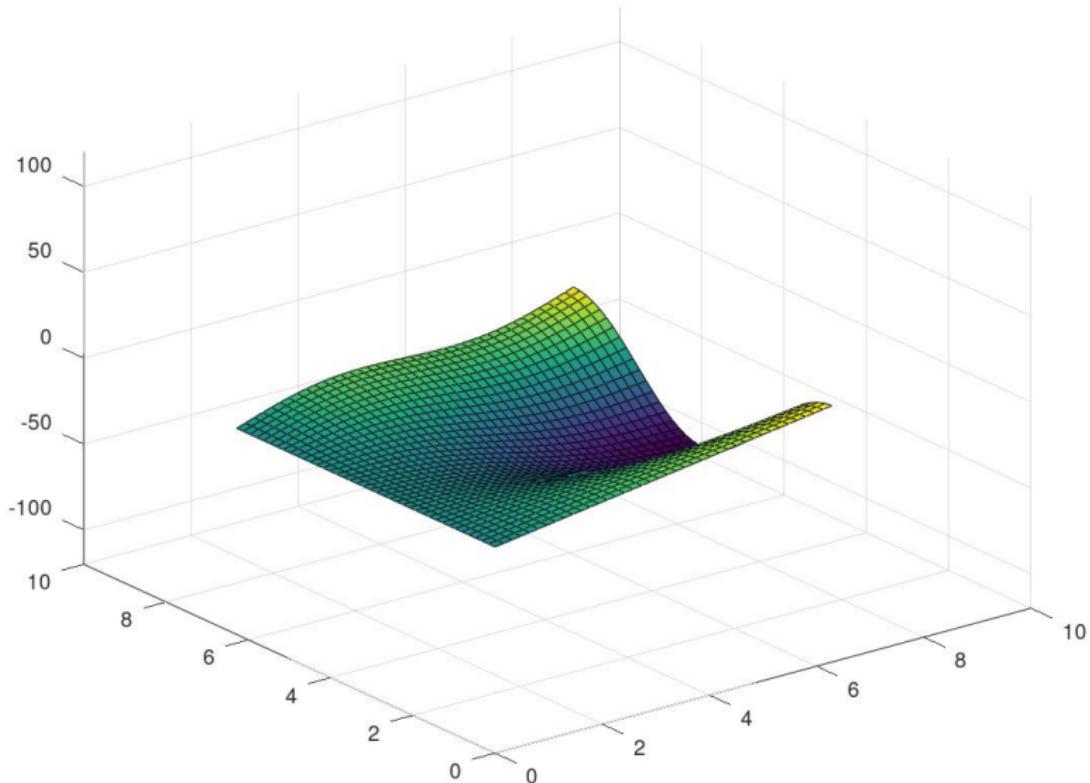


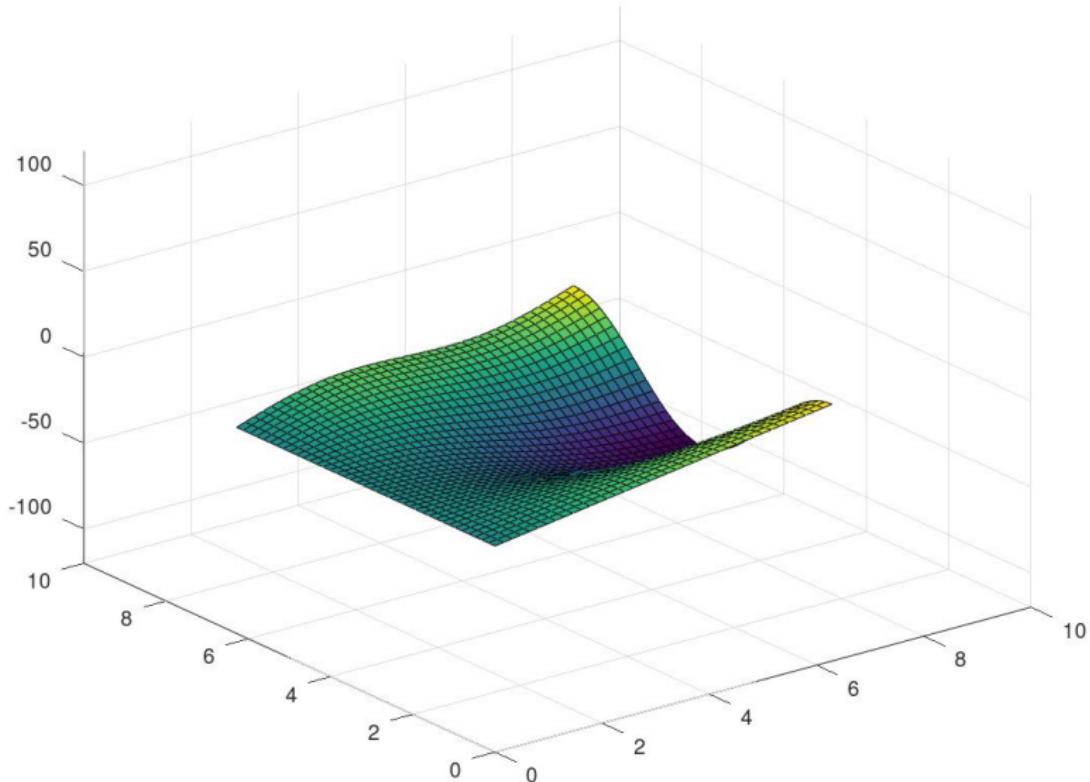


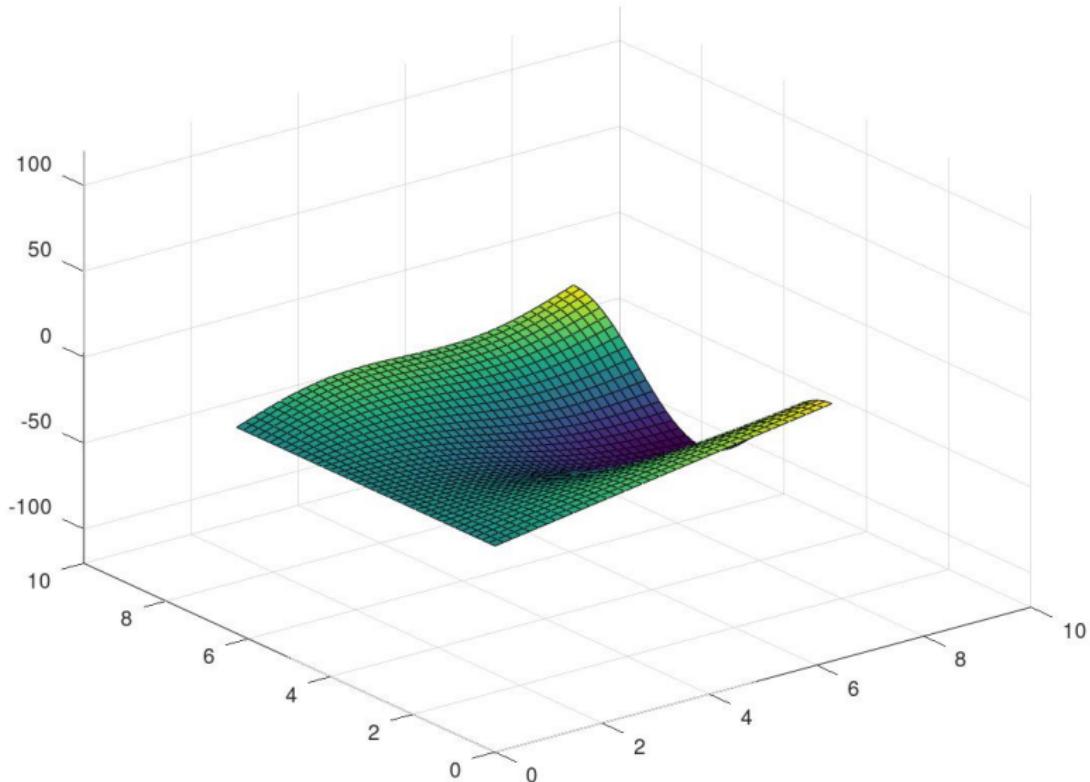


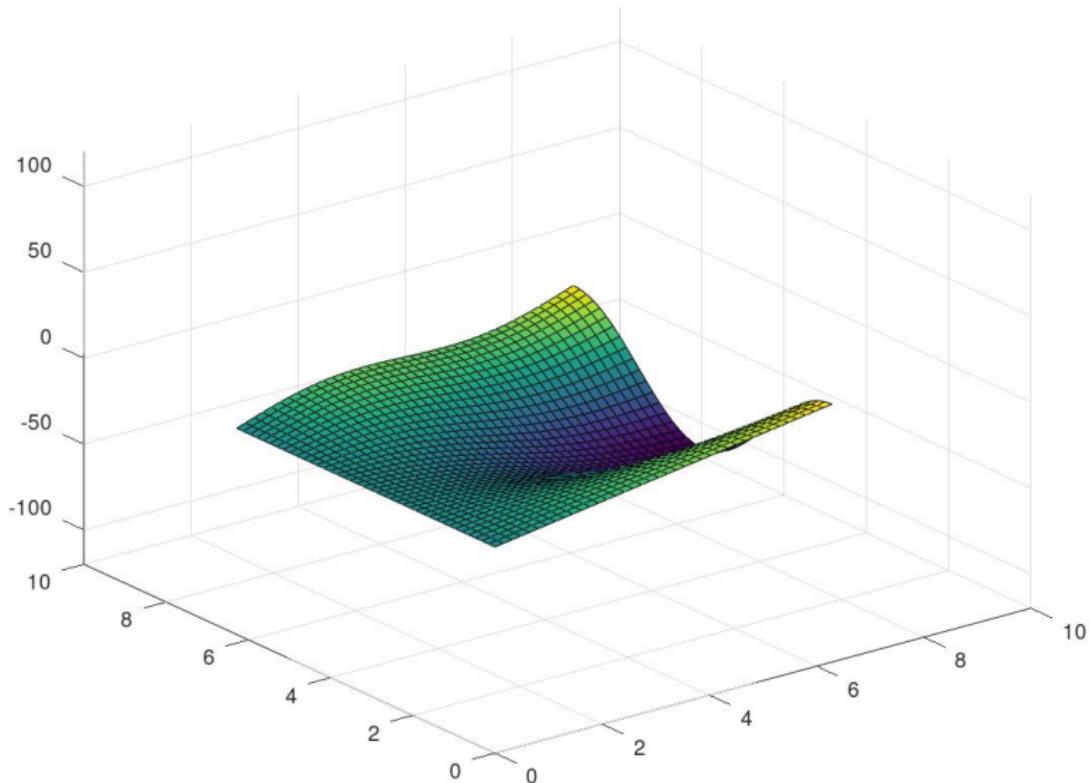


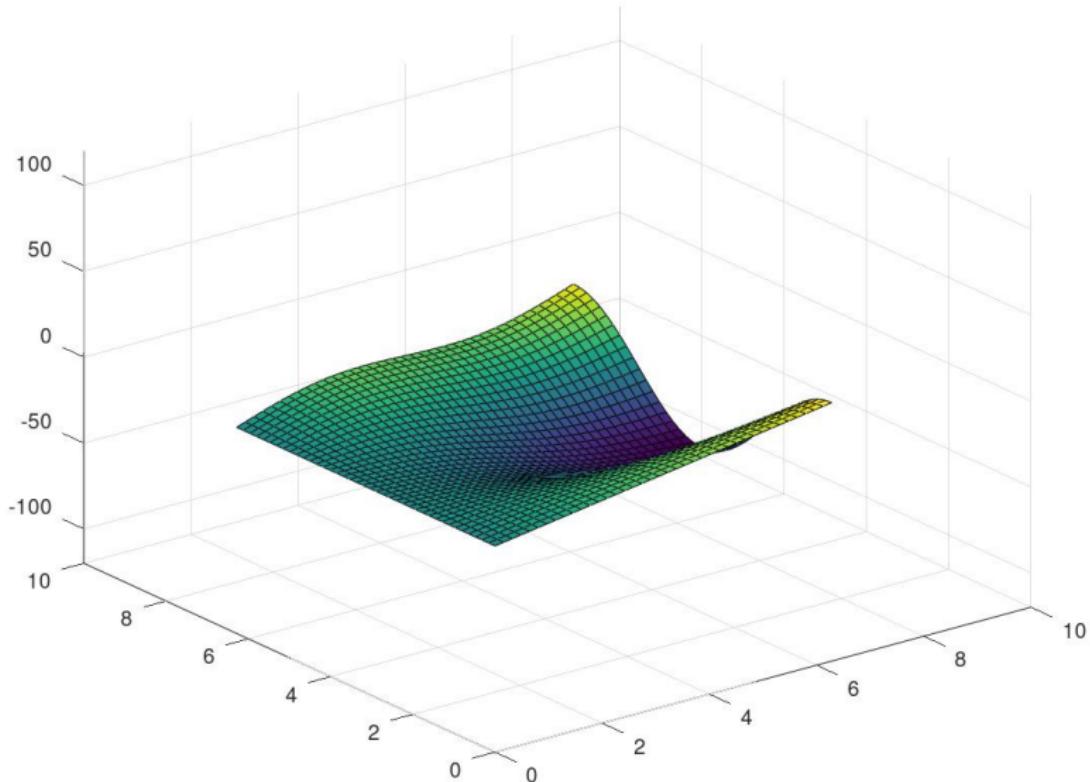


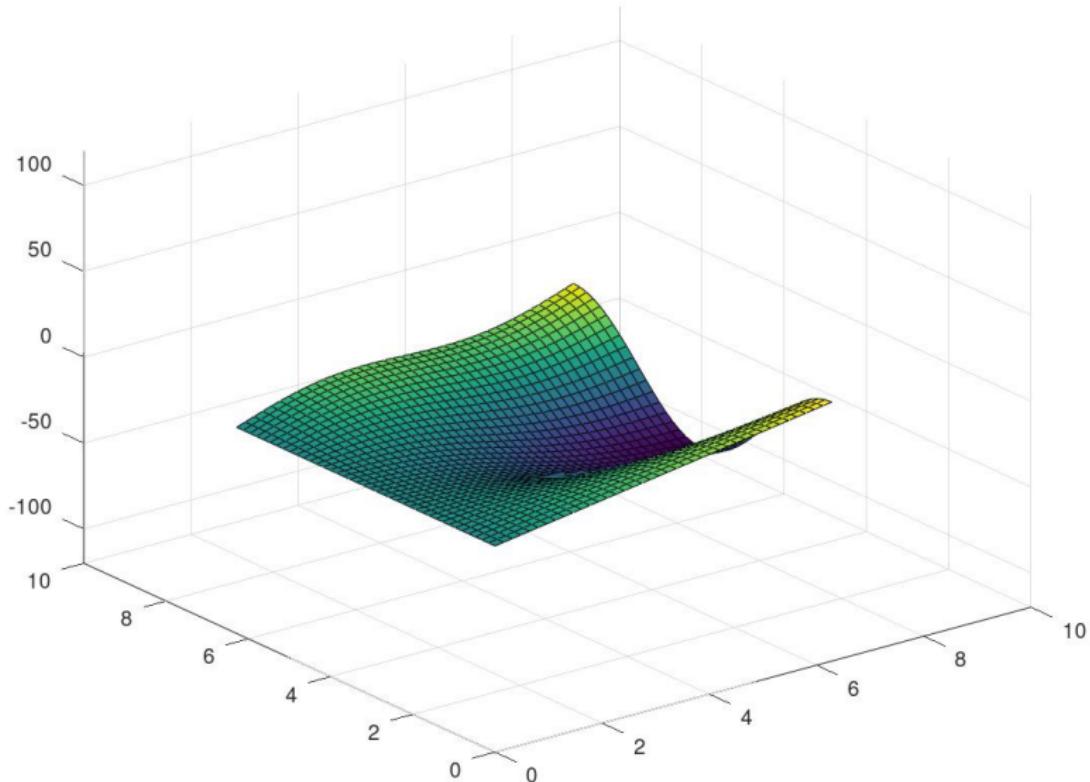


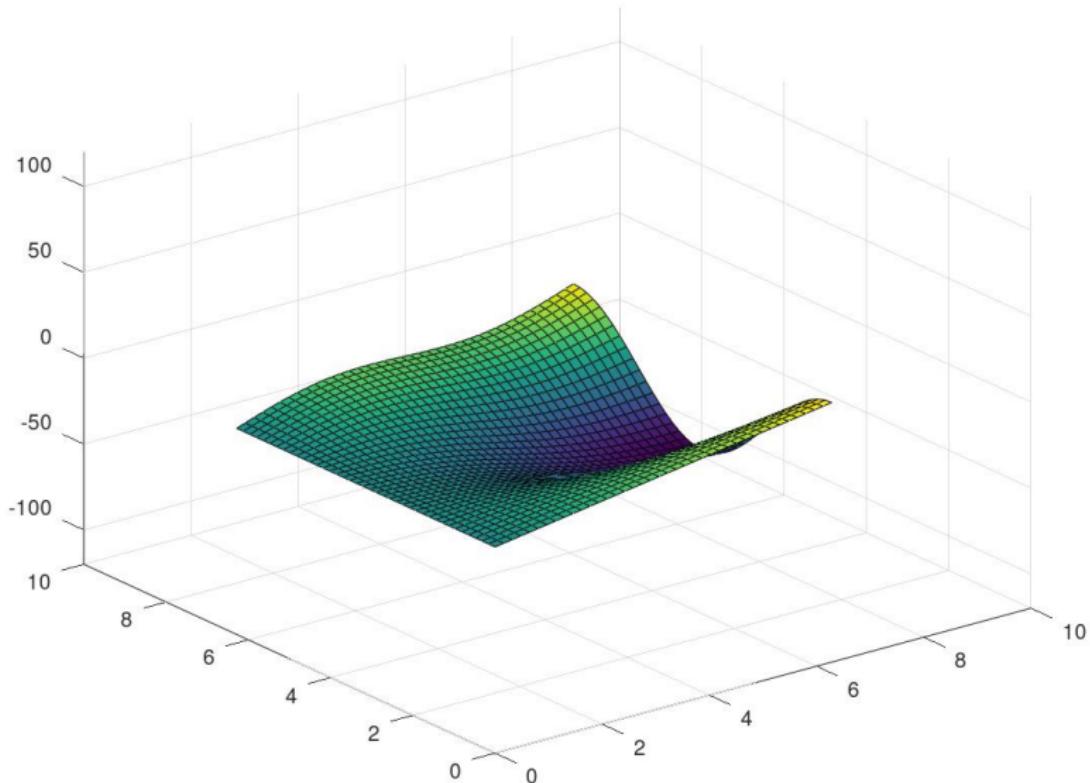


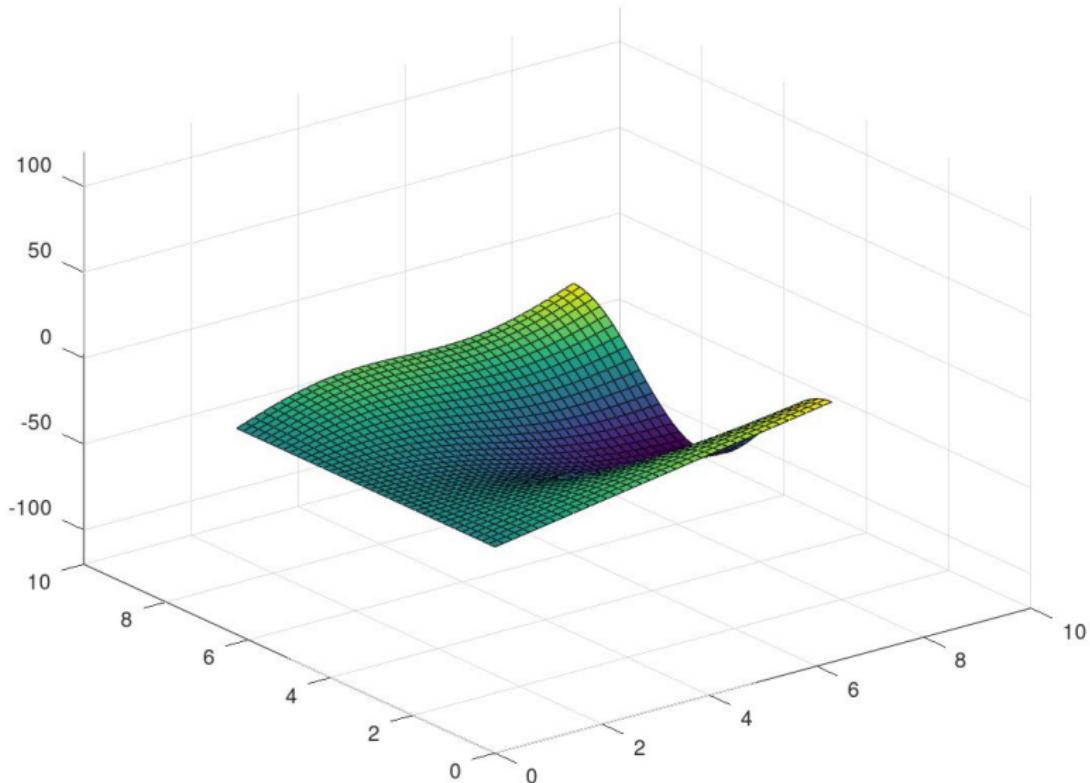












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# Bibliografías

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