IN3310 2025 UiO - Exercise Week 2

1 Task2 - Broadcasting

Which of these shapes are compatible under broadcasting for a simple binary operator like addition or multiplication? If they are, what is the resulting shape?

- $(3, 1, 3), (2, 3, 3)$ - ERR
- $(4, 1), (3, 1, 1, 5) - (3, 1, 4, 5)$
- $(3), (3, 1, 1, 5)$ - ERR
- $(1, 4), (7, 1) - (7, 4)$
- $(6, 3, 1, 7), (2, 7) - (6, 3, 2, 7)$
- $(6, 3, 1, 7), (2, 1, 7)$ - ERR
- $(1, 5, 3, 1, 6), (8, 1, 3, 2, 6) - (8, 5, 3, 2, 6)$
- $(2, 5, 1, 7), (9, 2, 3, 2, 1)$ - ERR