IN3310 2023 UiO – exercise tasks

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Week 02: Pytorch for a start

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