11 Normed spaces [OZT]

Let in the following X be a vector space based on the real field $\mathbb{R}$.

Definition 11.1 (Norm)**.** *[OZV]*

Remark 11.2. *[OZW]*

Exercises

E11.3 [OZX]

E11.4 [OZY]

E11.5 [OZZ]

E11.6 [105]

E11.7 [106]

E11.8 [107]

E11.9 [109]

11.1 Norms in Euclidean space

[2CK]

11.2 Isometries

[2CH]

11.3 Total convergence

[2CJ]

11.4 Norms of Linear application

[2CM]

11.5 Norms of Matrixes

[2CN]

11.6 Minkowski sum

[2CP]

11.7 Mathematical morphology

[2CQ]