

## §19 Power series

[1K6]

All definitions and theorems needed to solve the following exercises may be found in Chap. 6 of [?], Sec. 11.6 in [?], or Chap. 8 of [?].

### Exercises

E19.1 [1K7]

E19.2 [1K9]

E19.3 [1KD]

E19.4 [1KG]

E19.5 [1KJ]

E19.6 [1KM]

See also the exercises [1NC], [1VC], [1VG] and [1V9].

### §19.a Sum and product, composition and inverse

[2D6]

### §19.b Exp,sin,cos

[2D7]

### §19.c Matrix exponential

[2D8]