

Exercises

E18.4 [1KD] Prerequisites: [OGO]. Given $f(t) = \sum_{k=0}^{\infty} a_k t^k$ with $a_k \geq 0$, such that the radius of convergence is $r > 0$, show that $\lim_{t \rightarrow r-} f(t) = f(r)$.

Solution 1. [1KF]