

Mathematical Finance: MF

Exercises (for discussion on Monday, 15.01.2023)

Exercise 1. (*4 bonus points*)

Is there a filtration $(\mathcal{F}_n)_{n \in \mathbb{N}}$ with $\mathcal{F}_n \subsetneq \mathcal{F}_{n+1}$ for all $n \in \mathbb{N}$ such that $\bigcup_{n \in \mathbb{N}} \mathcal{F}_n$ is a σ -algebra?