Exercises

- E12.17 [143]Prerequisites: [13T]. Let I = [a, b] be closed and bounded interval. Show that
 - $f : [a, b] \rightarrow \mathbb{R}$ is regulated if and only if
 - for any ε > 0, there exists a finite set of points P ⊂ I such that, for every J ⊆ I with J an open interval that does not contain any point of P, the oscillation of f in J is less than ε.