

Exercises

E21.15 [\[1PG\]](#) Let $\gamma : [0, 1] \rightarrow \mathbb{R}^n$ be a closed C^1 curve, show that it admits an extension $\tilde{\gamma} : \mathbb{R} \rightarrow \mathbb{R}^n$ periodic with period 1 and of class C^1 .