

# Nomenclature

$\ \cdot\ $	Euclidean Norm on $\mathbb{R}^d$
$\langle\cdot,\cdot\rangle$	Scalar product on $\mathbb{R}^d$
$\mathbb{R}_{\geq 0}$	Positive real numbers
$\lambda^d$	Lebesgue measure on $\mathbb{R}^d$
$\mathcal{B}^d$	Borel $\sigma$ -algebra on $\mathbb{R}^d$
$\text{Pot}(\cdot)$	Power set of a set
$ \cdot $	Cardinality of a set
$\mathcal{L}(\mu)$	$\mu$ -integrable functions