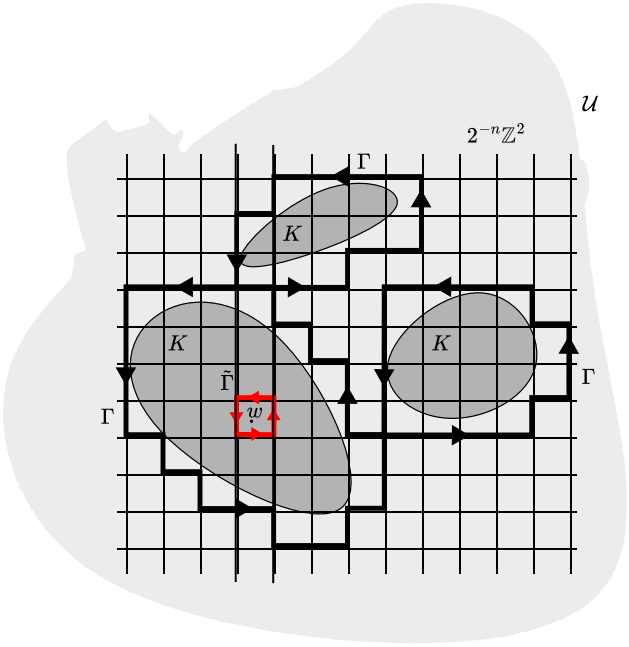

Figure 1: Illustration of proof of Lemma **??**, where $n \in \mathbb{N}, w \in K$ and $K, \mathcal{U}, \Gamma$ (in black) as in in the lemma.

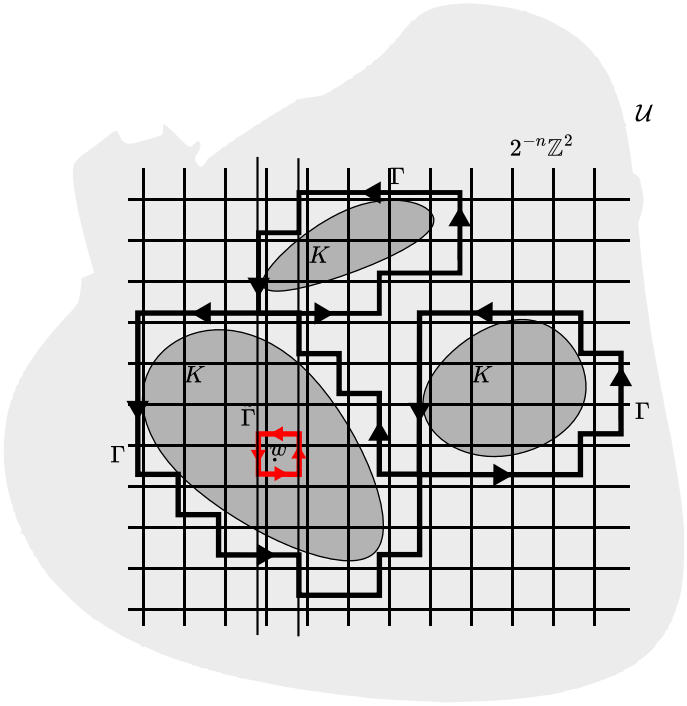

Figure 2: Illustration of proof of Lemma **??**, where $n \in \mathbb{N}, w \in K$ and $K, \mathcal{U}, \Gamma$ (in black) as in in the lemma.

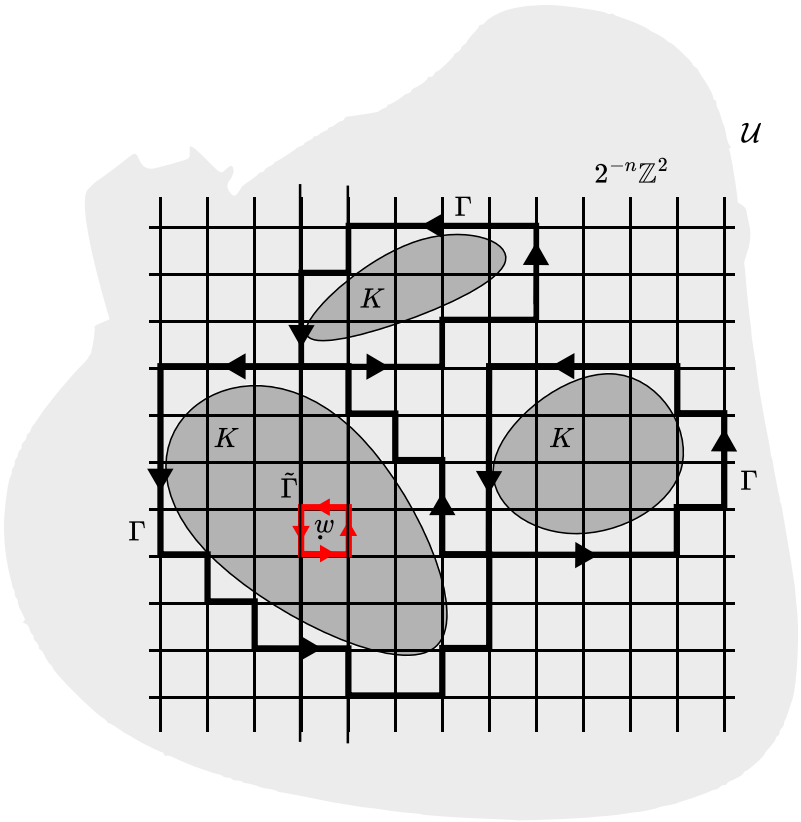

Figure 3: Illustration of proof of Lemma **??**, where $n \in \mathbb{N}, w \in K$ and $K, \mathcal{U}, \Gamma$ (in black) as in in the lemma.

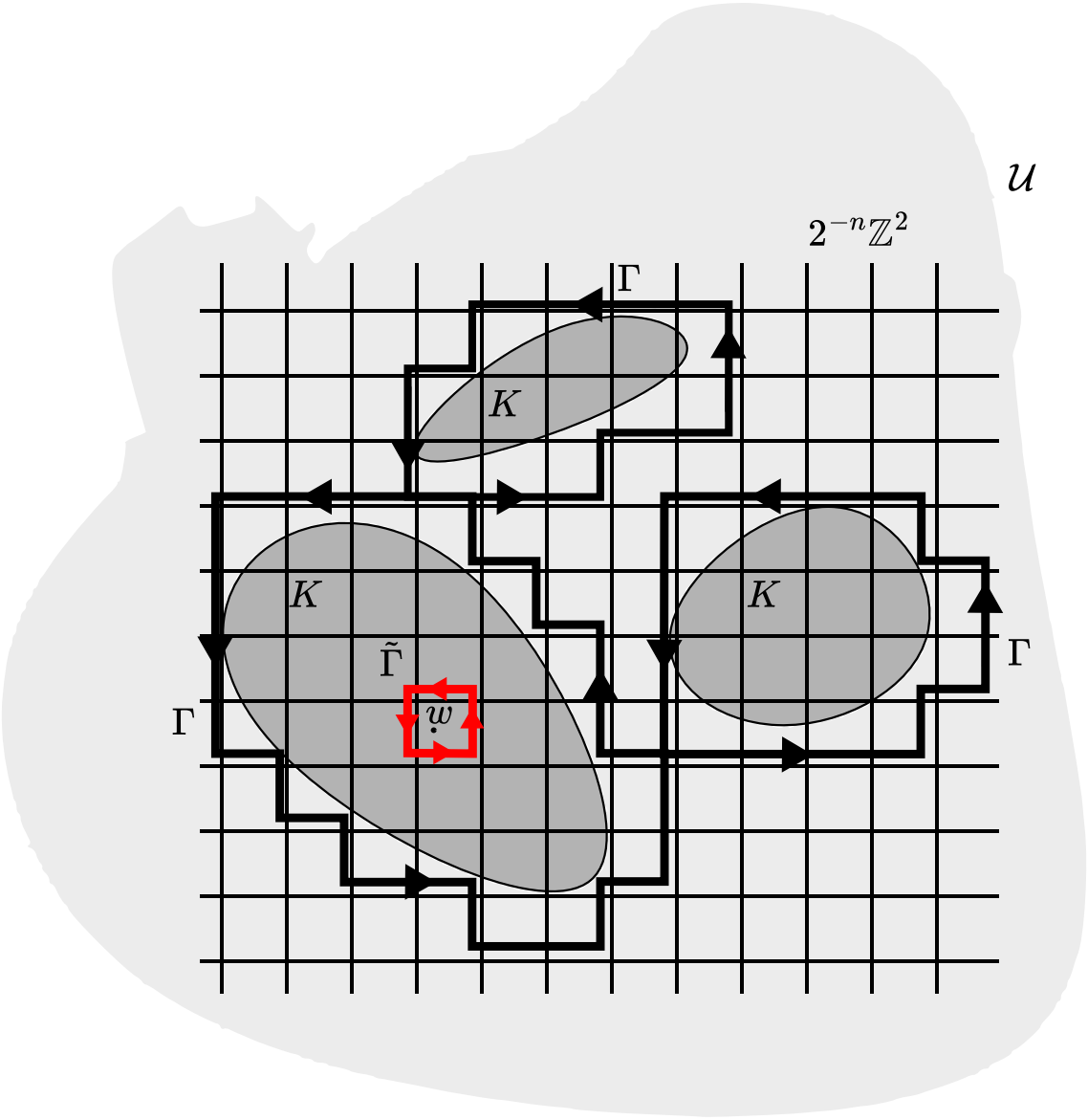

Figure 4: Illustration of proof of Lemma **??**, where $n \in \mathbb{N}, w \in K$ and $K, \mathcal{U}, \Gamma$ (in black) as in in the lemma.