

*HW3 (due 18 April 2023 Tuesday before recitation)*

***Q1***

***Bounded minimalization***

*Show that  $\mu_{\mathbf{j}} ((g(\mathbf{j}, \underline{\mathbf{n}}) \mid 0 \leq \mathbf{j} \leq \mathbf{J}) := \text{the minimum value of } \mathbf{j} \text{ for which the predicate } g(\mathbf{j}, \underline{\mathbf{n}}) \text{ is true, is a PRF.}$*

***Q2***

*Problems from the main text :*

*4.6.1, 4.6.2, 4.6.3, 4.7.1, 4.7.2*