

Assignment 6: Abstract Procedures

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1 Problem 3

- ω_1 : Is a valid substitution.
- ω_2 : Not a valid substitution since $h(a, b)$ cannot be applied since the signature $h : \mathbb{B}x\mathbb{B} \rightarrow \mathbb{A}$ doesn't match.
- ω_3 : Not a valid substitution since $h(a, c)$ cannot be applied since the signature $f : \mathbb{A} \rightarrow \mathbb{A}$ doesn't match.
- ω_4 : Not a valid substitution since the $supp(\omega_4)$ is infinite.