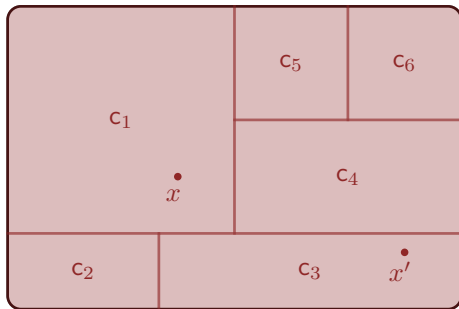


$$\iota_{\mathcal{P}}(x) = \mathbf{c}_1$$

$$\chi_{\mathcal{P}}(\mathbf{c}_1) = 1$$

$$\phi_{\mathcal{P}}(x) = \chi_{\mathcal{P}} \circ \iota_{\mathcal{P}}(x) = 1$$



$$\iota_{\mathcal{P}}(x') = \mathbf{c}_3$$

$$\chi_{\mathcal{P}}(\mathbf{c}_3) = 3$$

$$\phi_{\mathcal{P}}(x') = \chi_{\mathcal{P}} \circ \iota_{\mathcal{P}}(x') = 3$$