

# Balance

**Notation** : bal

**Description** : The amount of **Wei** OWNED by this account. <sup>1</sup>

- Key/value pair stored inside the root hash. <sup>2</sup>
- $L_I^*$ , is defined as the element-wise transformation of the base function<sup>3</sup>
- The *element-wise transformation of the base-function* refers to all of the key/value pairs in  $L_I$
- $L_I$  refers to a particular trie.

1. This formal notation is  $\sigma[a]_b$
2.  $\text{TRIE}(L_I^*(\sigma[a]_s)) \equiv \sigma[a]_s$
3.  $L_I$ , given as:  $L_I((k, v)) \equiv (\text{KEC}(k), \text{RLP}(v))$