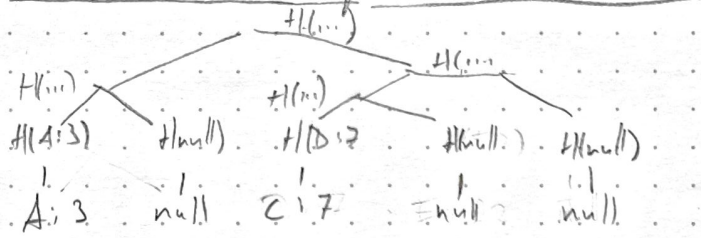
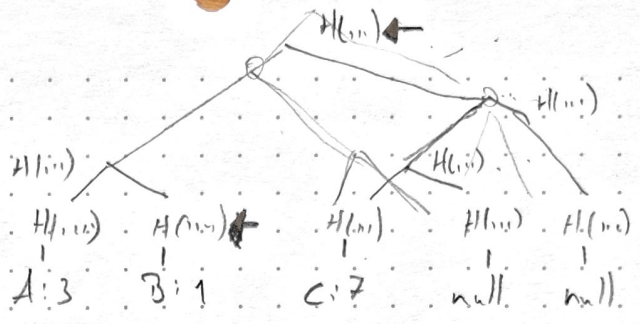
Insertion cost of Sparse Merkle tree



Insert B;1



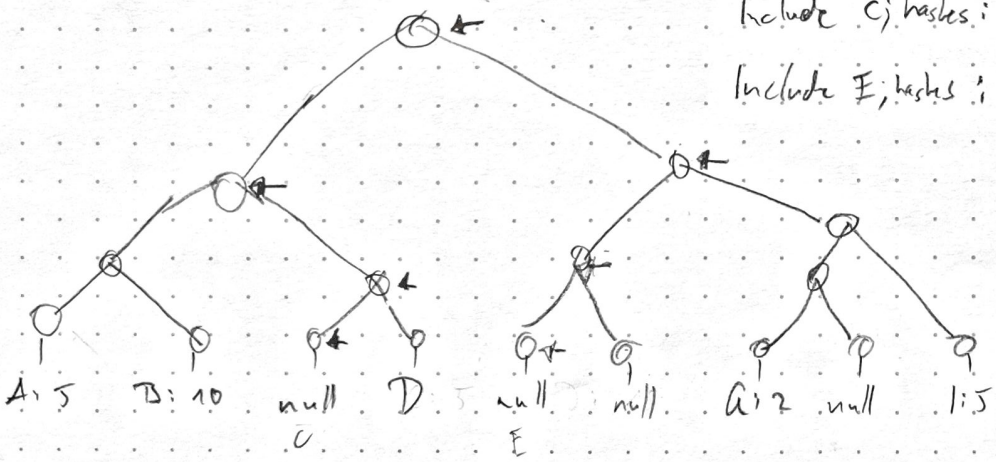
Hashes recomputed: III

Conclusion: Recalculation upon insertion is cheaper in Sparse Merkle Tree

- what about depth?

Problem: What is the compute it takes to „simulate" the Hash(null) values?

What is the cost of inclusion?



Include C; hashes: IIII
Include E; hashes: IIII

} Is it related to depth of the tree?