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### **Abstract**

This humble project aims mainly to reveal the characteristics of what so-called hollow-lifting modules. We start with providing some basics concerning modules. Afterwards, in part three, we study hollow-lifting modules and other relevant concepts. In part four, we move towards direct sums of such modules. Lastly, we will study hollow-lifting modules over commutative rings.

**Keywords:** hollow-lifting, f-hollow-lifting,  $X$ -hollow-lifting, amply supplemented, duo, UCC.