## ${\color{blue} Modern~Algorithms~for~garbage~collection} \\ {\color{blue} Outlining~modern~algorithms~for~garbage~collection~on~the~examples~of~go,~ocaml} \\$

and python

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October 9, 2023

## Contents

1 Introduction  $\mathbf{2}$ 

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Garbage collection describes the process of automatically allocating and deallocating memory a process requires. [1] This is commonly performed by the runtime the compiler embeds into the resulting executabe or the runtime the interpreter provides to the program it currently executes. [2, 3]

## References

- [1]  $Garbage\ collector\ design.\ URL: https://devguide.python.org/internals/garbage-collector/index.html (visited on <math>10/09/2023$ ).
- [2] A Guide to the Go Garbage Collector. URL: https://tip.golang.org/doc/gc-guide (visited on 10/09/2023).
- [3] gc Garbage Collector interface. URL: https://docs.python.org/3. 13/library/gc.html (visited on 10/09/2023).