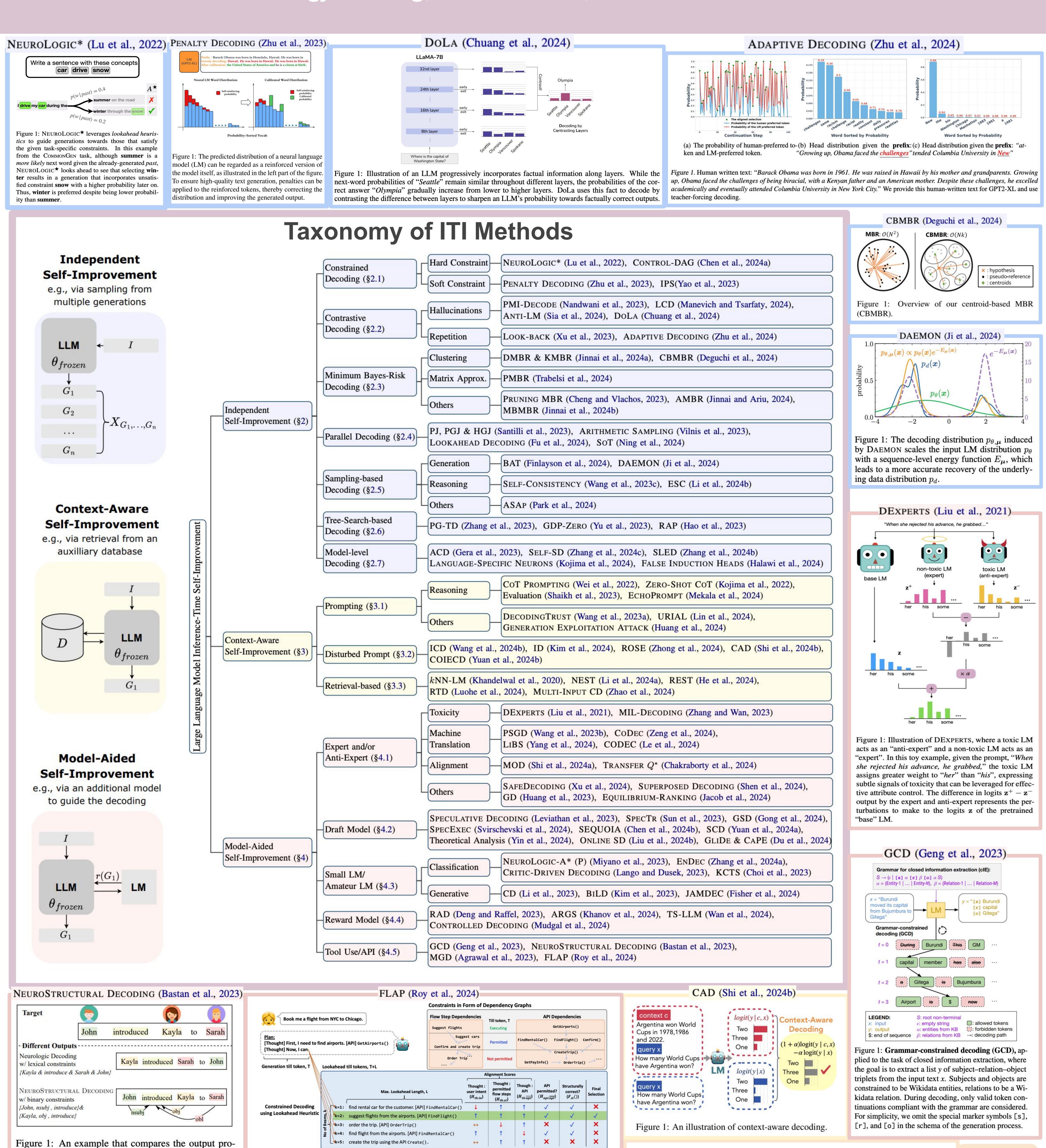
## A Survey on LLM Inference-Time Self-Improvement

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Send us a pull request with any addtl methods!





https://github.com/dongxiangjue/

Awesome-LLM-Self-Improvement





Check out our

GitHub!



duced by Neurologic Decoding with lexical constraints

alone vs. the output generated by NEUROSTRUCTURAL

DECODING with lexico-syntactic constraints.

Figure 2: An example state of FLAP, our proposed lookahead heuristic-based constrained decoding algorithm for

faithful planning, in the domain "Trip Planning" for a query related to "book flight". Here,  $\uparrow$ ,  $\downarrow$ , and  $\leftrightarrow$  indicate high,

low, and mediocre alignment scores, respectively. The selected path based on the heuristic scores is highlighted.