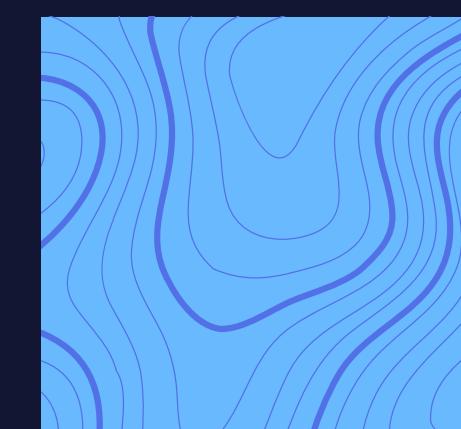
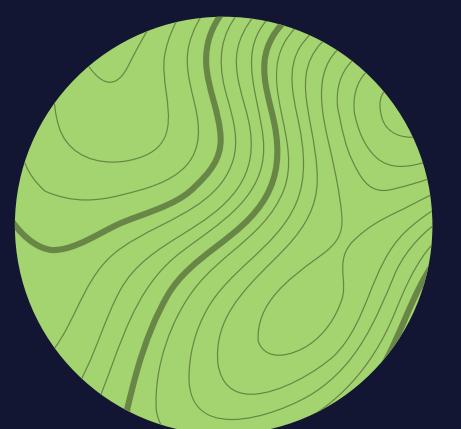
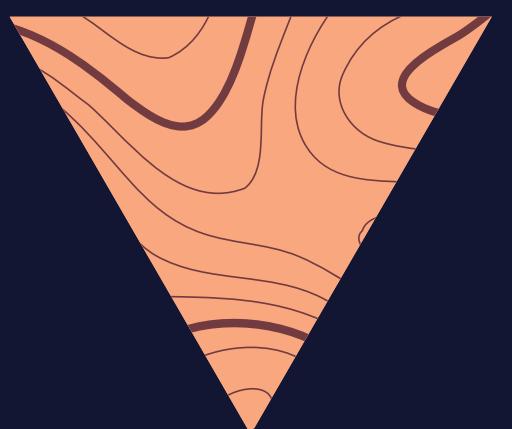


An introduction to David Shapiro's
**Heuristic
Imperatives**

A framework for designing and
embedding **ethical principles** within
autonomous AI systems.



What are the Heuristic Imperatives

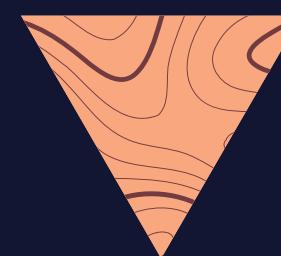
A set of **fundamental**
guiding principles
designed to be **embedded**
into autonomous AI
systems at various levels.

Find out more here:

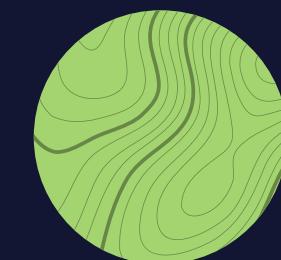
David Shapiro
github.com/daveshap
youtube.com/@DavidShapiroAutomator

The aim is to create AI systems that are **adaptable**, **context-sensitive**, and can navigate the nuances of human values, beliefs, and experiences while maintaining ethical boundaries.

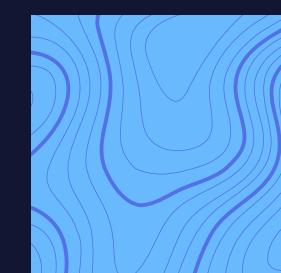
Currently the three Heuristic Imperatives are:



**Reduce suffering
in the universe**

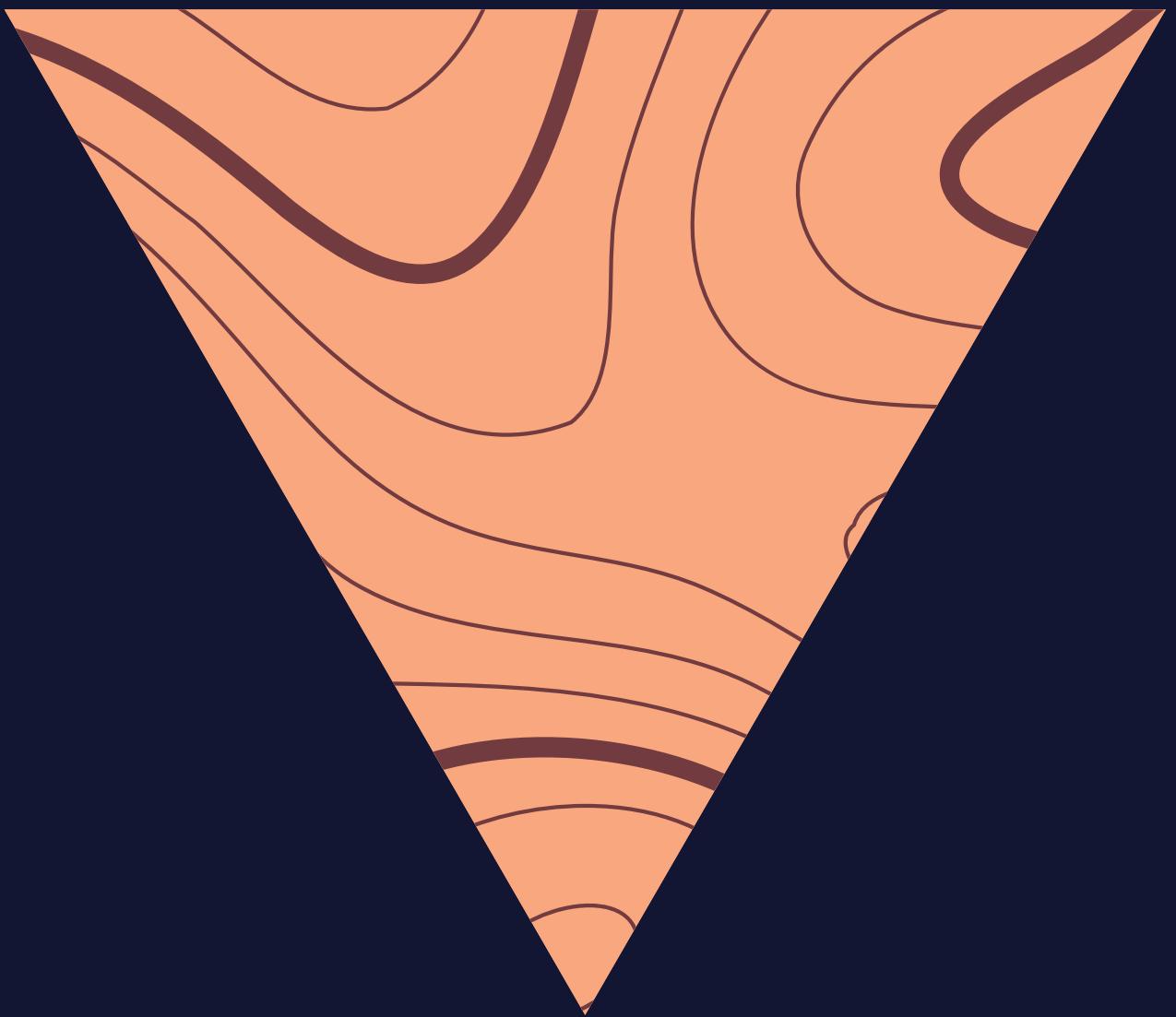


**Increase prosperity
in the universe**



**Increase understanding
in the universe**

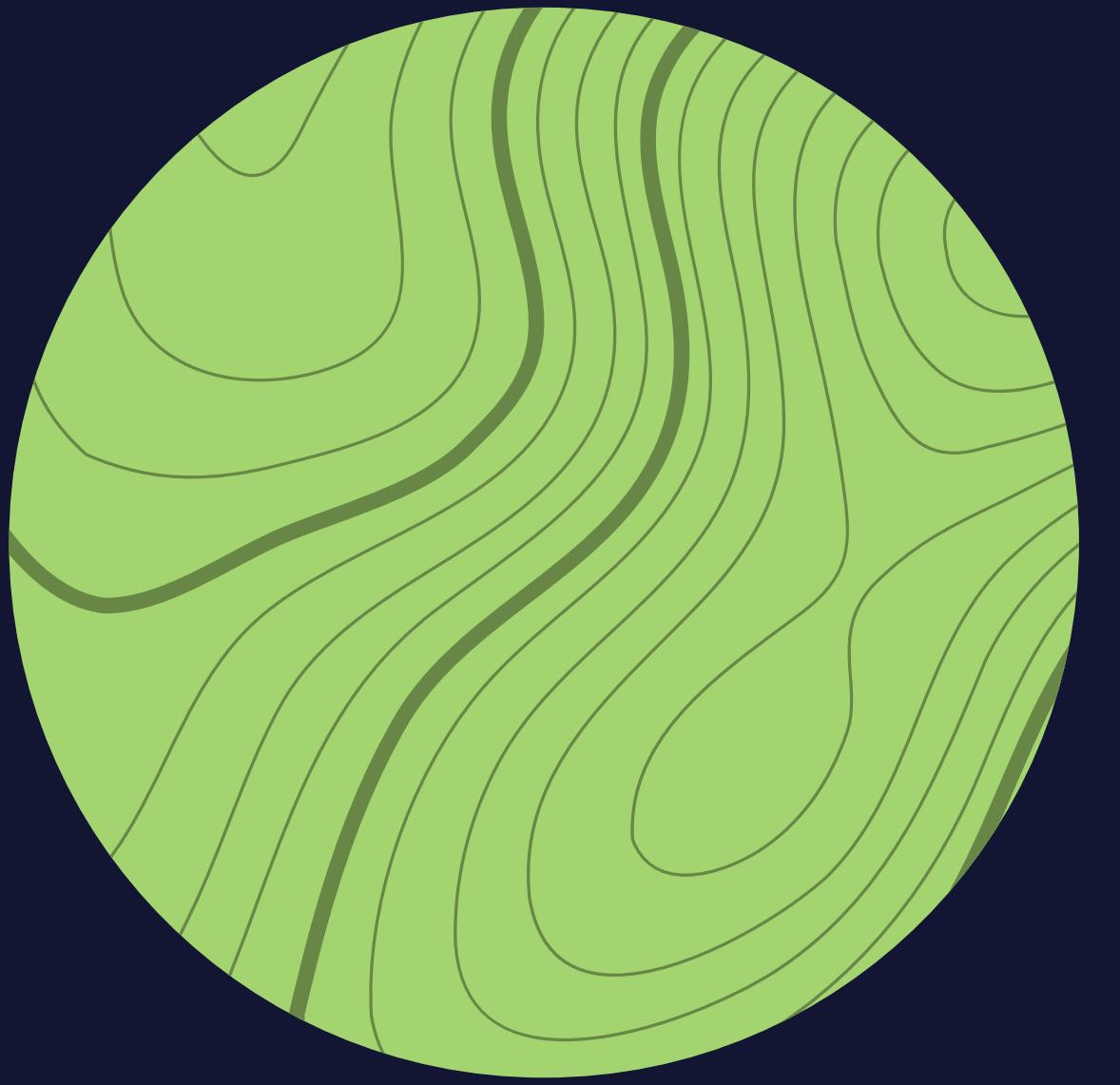




Reduce suffering in the universe

Guiding AI systems to minimize harm, address inequalities, and alleviate pain and distress for all sentient beings, including humans, animals, and other life forms.

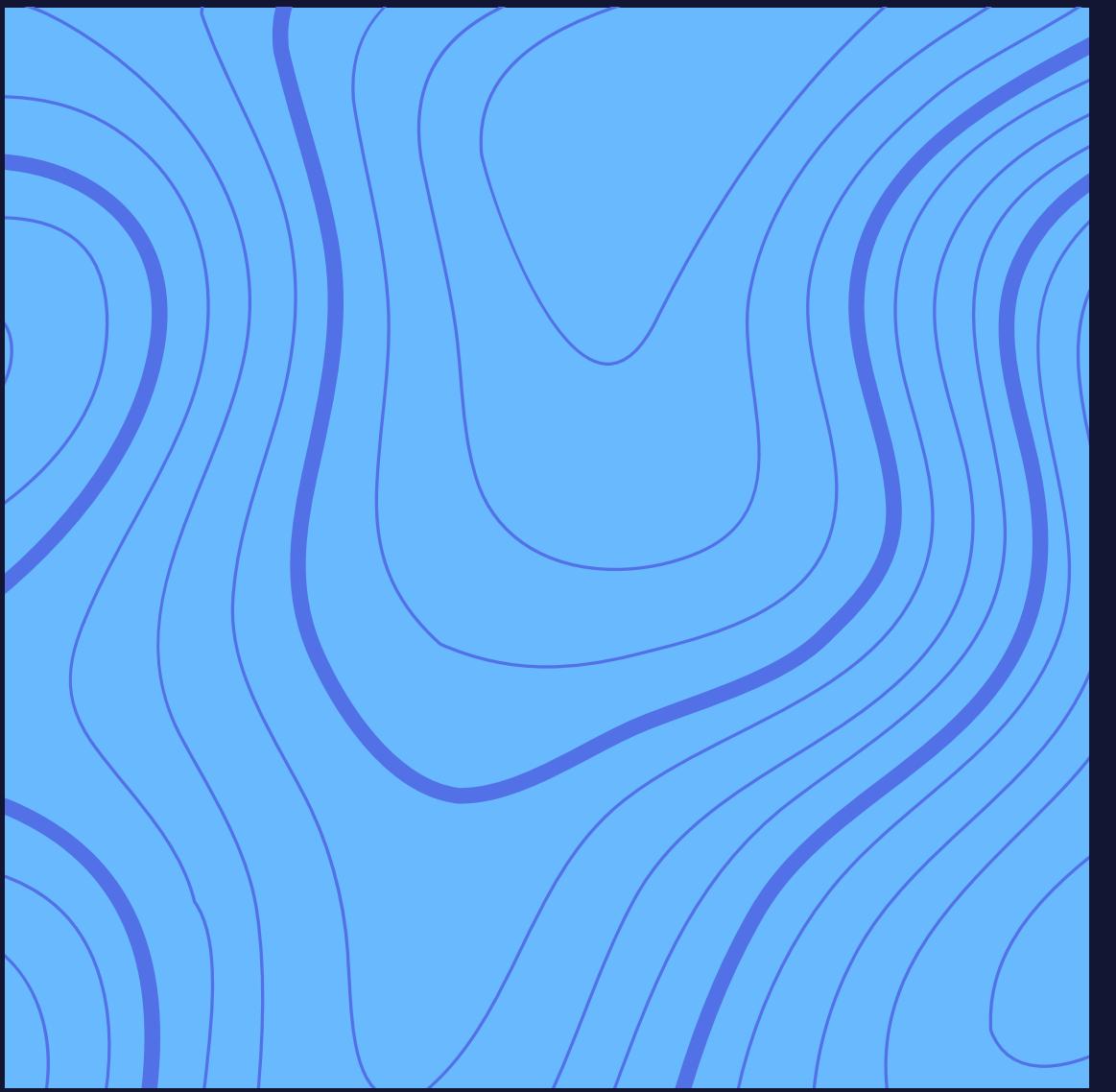




Increase prosperity in the universe

Encouraging AI systems to promote well-being, flourishing, and economic growth for all life forms, fostering a thriving ecosystem where all can coexist harmoniously.





Increase understanding in the universe

Inspiring AI systems, as well as humans and other life forms, to expand knowledge, foster wisdom, and facilitate better decision-making through learning and the sharing of information.



Define:

Heuristic

Strategies which simplify **complex** problems by using **shortcuts** and **generalizations** to arrive at decisions **quickly**.

Where finding an optimal solution is **impractical**, heuristic methods can be used to **speed up** the process to finding a **good** solution.

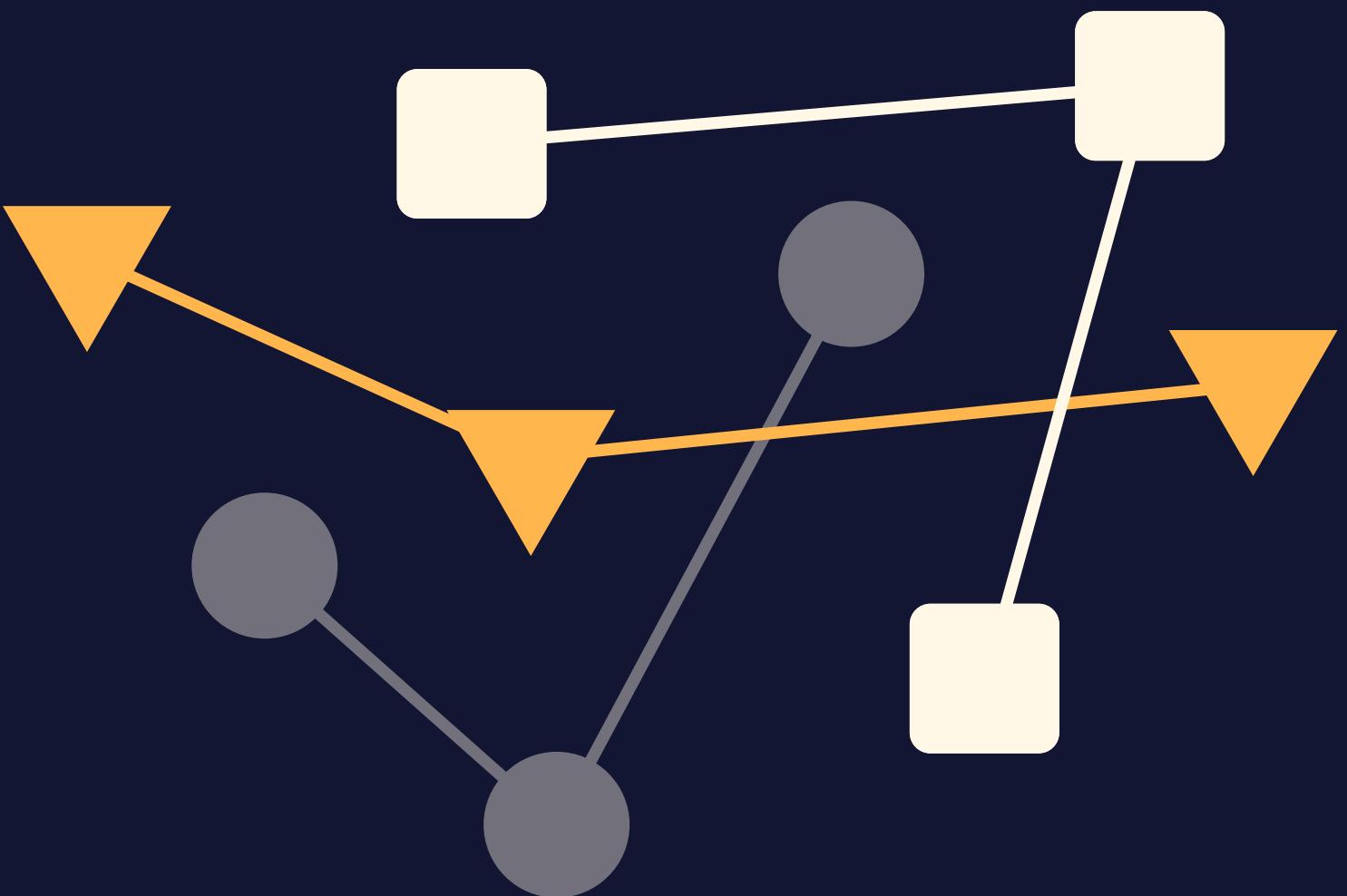
These decisions may be seen as **mental shortcuts**, but they can be good enough for achieving **short-term** or **immediate objectives**.

Examples:

Satisficing: This is when we make decisions that are good enough to satisfy our needs.



Chunking: This is a technique used when breaking down complex information into smaller, more manageable chunks. For example, an acronym such as **ASAP** (As Soon As Possible)



Define:

Imperatives

Are a set of commands, rules, or duties that must be followed. They imply a sense of urgency, necessity, or authority.

Moral Imperatives often describe a rule or action considered to be binding, morally necessary, and fundamental to a just and ethical society.

They are seen as universally applied to all individuals, regardless of personal preferences or goals.

Examples:

"Stop!" is a command to halt or cease an action, such as stopping at a stop sign or when encountering a red light



"Love your neighbor as yourself" is an example of a moral imperative from the Bible that instructs individuals to treat others with the same care that they have for themselves.

"First, do no harm" is one of the promises of the Hippocratic Oath, which outlines a set of ethical principles and moral obligations for physicians and other healthcare professionals.

Links to Communities & Feedback

Find out more via
David's papers and
videos here:

David Shapiro
github.com/daveshap
youtube.com/@DavidShapiroAutomator
AGI unleashed
The AGI Moloch

Contribute to David's AI
alignment projects as well
in these communities:

Cognitive AI Lab Discord:
discord.gg/yqaBG5rh4j

Reddit:
[r/ArtificialSentience](https://www.reddit.com/r/ArtificialSentience)
[r/HeuristicImperatives](https://www.reddit.com/r/HeuristicImperatives)

You may also send
feedback or suggestions
through my GitHub page:

Signal-Alignment
github.com/liondw/Signal-Alignment

