Argument Example:

Thesis – Artificial Intelligence must be suppressed because it will evolve to become super-intelligent and out of our control.

I. Artificial Intelligence is information or data processing in a physical system.

II. We will continue to improve our technology, for our benefit – monetary or otherwise.

A. The door has been opened – we improve on intelligence systems every year, both physically (actual functioning, human-looking robots) and performance-wise.

B. The possibilities for economic gains are limitless.

C. The possibilities for military advantage make improvements and competition certain.

III. Once Intelligent Machines become smarter than us, they will begin to self-improve regardless of whether we want them to or allow them to.

A. Examples of ALPHAGO and ALPHAZERO – self-teaching and self-improving Go and Chess playing programs.

IV. Opposition: The technology is nowhere close to achieving super-intelligence. We will be able to prevent bad things from happening.

A. Refutation: We are now nearly dependent upon computerized systems – including AI programs, be it for conveniences or necessities. The near future, if the progress of today simply continues, will see our complete dependence on these systems – meaning abruptly stopping these systems due to dangers will be too risky for the structures of our modern societies.

B. Refutation Continued: Once the possibility of super-intelligence is viewed as an actuality, every capable country’s government will prioritize being first – to develop their own, and stop others from development. This is not due to the scientific benefits but for the military advantages and risks involved.