

60 Years of Evolution Strategies in 60 Minutes^{*}

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Abstract

Evolution strategies are stochastic algorithms for black-box optimization with roots that date back 60 years. The approach to their development has been markedly different from that commonly taken in mathematical optimization, and it also sets them apart from other optimization heuristics. This talk explores milestones in the development of evolution strategies with an eye on what has been learned, and what lessons may be useful in other contexts.

Declaration on Generative AI

The author has not employed any Generative AI tools.

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