International Society
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Special Demonstration

Enhancing Idea Generation and Problem Solving: Leveraging Generative AI and TRIZ Tools

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Abstract/Outline

Generative AI, a data-driven tool, generates outcomes based on factors like pre-training, commands, data references, examples, and defined scope, collectively forming a "Prompt." When combined with TRIZ Tools, it enhances information search, idea generation, and problem resolution. Generative AI evolves TRIZ tools, acting as an expert source and aiding learning. However, it may have discrepancies, so it's advisable to use it as a supplementary resource in the 'resources' context rather than relying solely on it.

Benefits to audience (brief)

This example is designed to support the application of Generative AI in conjunction with TRIZ Tools. The ultimate goal is to utilize these prompts to solve problems and drive innovation based on TRIZ guidelines and tools, as well as other problem-solving approaches in the future.

We believe that there is sufficient content to be of practical value to audience, with the included prompt examples being readily applicable. It is anticipated that more prompts specifically designed for the TRIZ tool will be added in future updates.