www.dx-dt.at e.u.

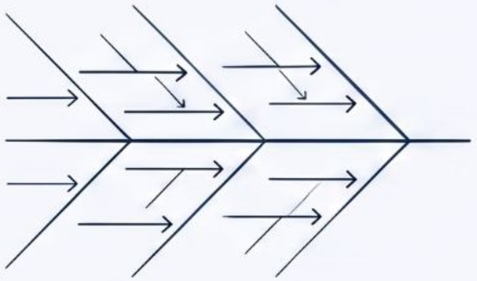
Thomas Paier
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+43 660 5271777

Analyst-dx-dt: The Evolution of Technical Damage Analysis

Analyst-dx-dt is the world's first local, mathematical-evolutionary AI platform for the industry. It replaces time-intensive, error-prone manual analyses with a strictly physical, TRIZ-based workflow that works without cloud connectivity and API costs.

The Analysis and Evolution Process

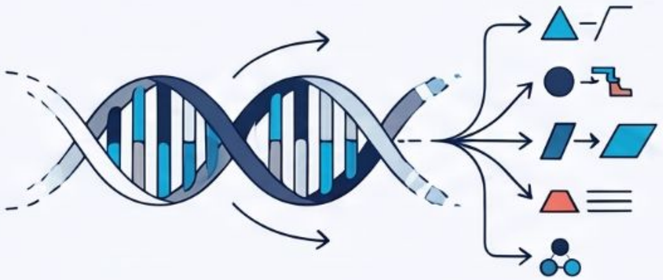
Physical Cause Research (Ishikawa & 5-Why)



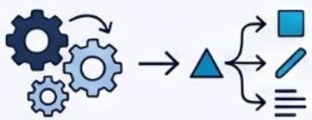
AI-supported identification of errors at thermodynamic and materials science level without human blindness.



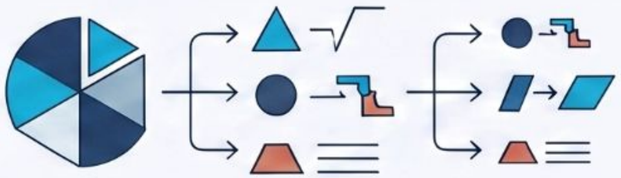
Genetic Solution Evolution (TRIZ & NSGA-II)



Automatic generation of 40 TRIZ approaches, which are mathematically optimized through mutation and hybridization.



Objective Logit-Ranking



Incorruptible evaluation of solution concepts through hundreds of binary AI duels and statistical regression models.



Strategische & Technische Vorteile



100% Local Data Security

Sensitive patents and R&D data remain completely on internal company workstations without cloud risks.

ZERO

Zero API Operating Costs

Unlimited evolution loops thanks to local integration (Ollama) without additional costs per token.



Interactive Decision-Matrix

Real-time adjustment of the best solution via management sliders for costs, reliability, and feasibility.