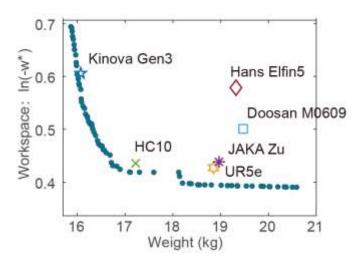
Optimization Design of Configuration, Structure and Drive Train Synthesis for Serial Robotic Arms

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- New method for optimally integrated designing a robotic arm for desired functions and performances.
- Complete and efficient co-simulation framework for optimization
- A design example demonstrates the application of designing a light-weight arm with maximized workspace.



Optimization Pareto front and comparison with typical collaborative robotic arms.