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INSPIRE: Expanding Open Innovation Methods to Complex Engineering Systems

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CMMI-1535539

Q: Who is the Crowd? (and can "they" really solve my autonomous robotic design problem?)



Experimental manipulation: Decomposition strategy + problem complexity

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Where do the good solutions come from?



Prior Work Experience

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What kind of good solutions did we receive?



Open Innovation in engineering isn't just about an extreme value point solution. The crowd explored a broad tradespace, shared solving insights and produced serious engineering work that we didn't expect. All for pennies/hour.

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