Parameter Space Analysis

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You have a function / model that requires *n* input parameters and you want to know, which parameter settings deliver a desired result.

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The word "desired" here is chosen deliberately, because we might not only be dealing with optimisation problems.



Both papers include case studies, but since this talk is going to be neither about image segmentation nor catastrophe prevention, I am trying to omit these specifics as much as possible





Required Tasks

- Exploring the full parameter space
- Finding optimal parameter settings
- Assessing the sensitivity of a parameter region

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• Simultaneous exploration of multiple quality measures









This view show the project viewer

Response View (Interpolation)





Different Response Views





















Further Explanation: [...] it more specifically refers to the practice of interactively guiding a computational experiment into some region of interest.















- color
- opacity
- thickness
- position









	Conclusion	
	TUNER	WORLD LINES
Method	Sampling & Interpolation	Computational Steering (with history)
	26	

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Usage Scenarios	Generic	Specific
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