

Tunability of IR4

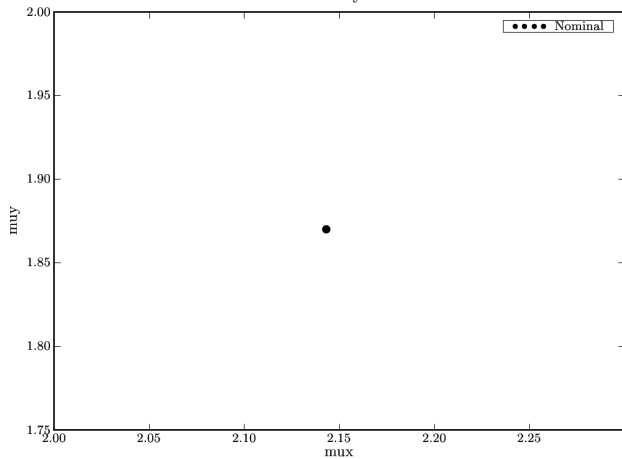
Riccardo de Maria, Thys Risselada

CERN AB-ABP-LOC

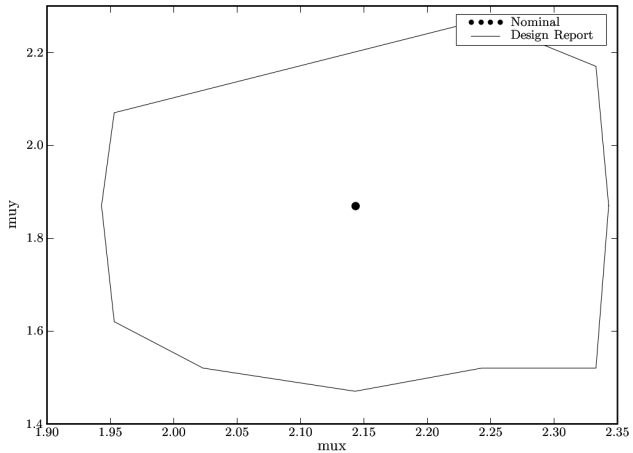
LOC Meeting, 18 December 2006

JACOBIAN is a matching routine which use a Newton method.
The Jacobian is now inverted using an SVD. At each iteration the rank is printed in the output.
There is a new option COND which control the minimum singular value.
Using STRATEGY=2, the routine print the Jacobian, the singular values and the orthonormal basis.

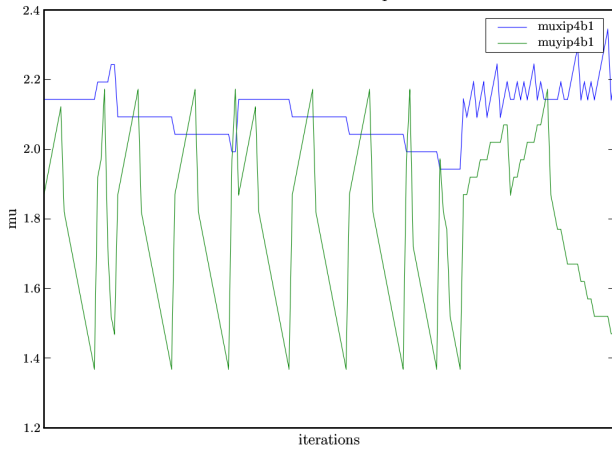
Tunability IR4



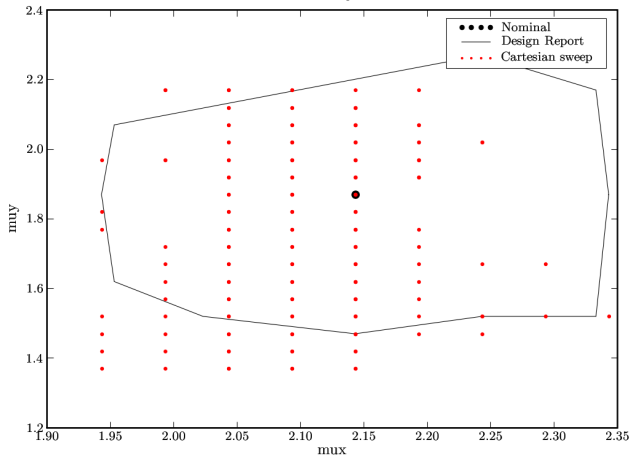
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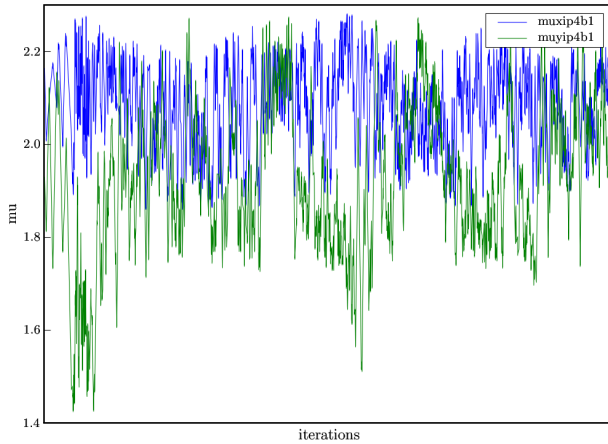
Cartesian sweep



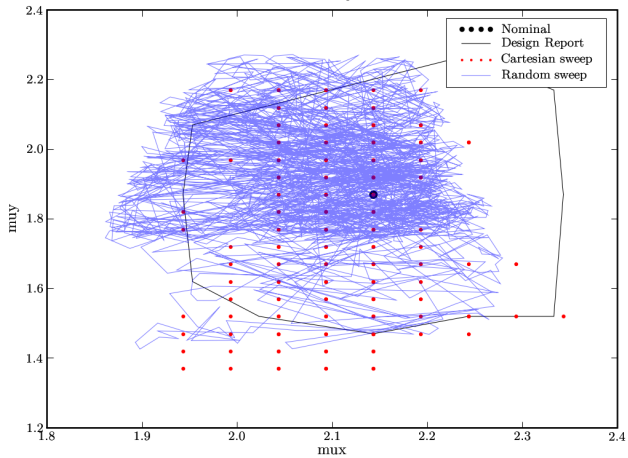
Tunability IR4



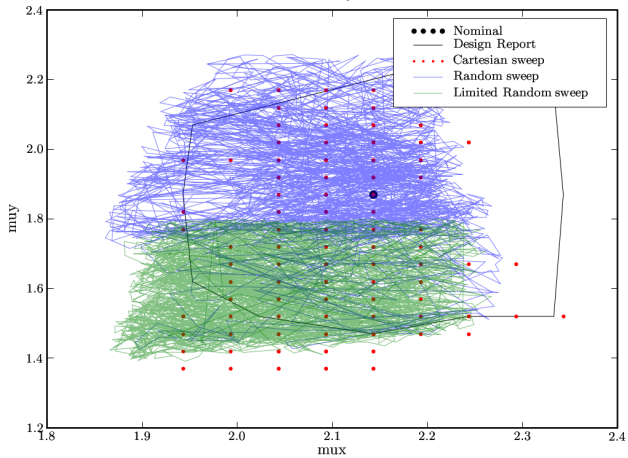
Random sweep



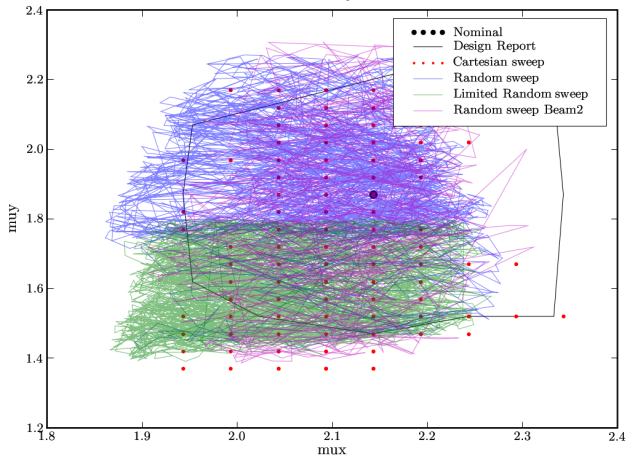
Tunability IR4

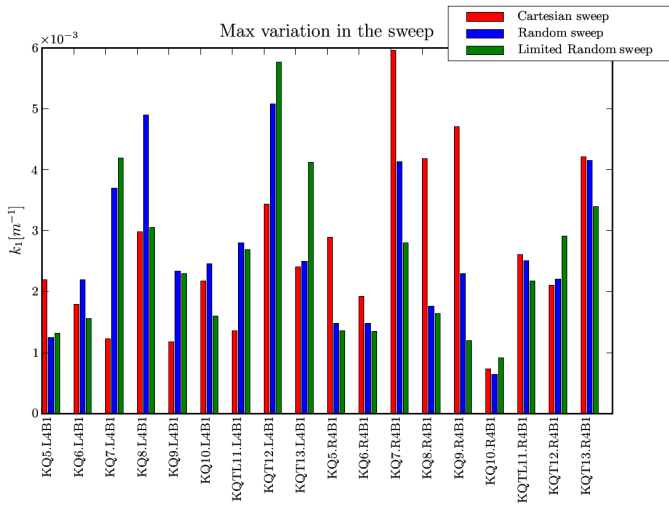


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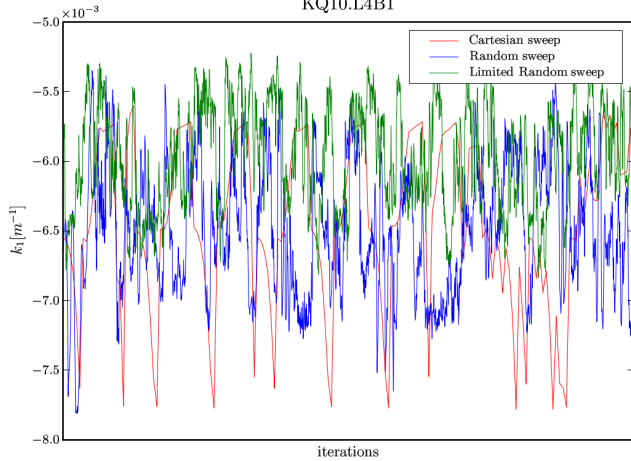


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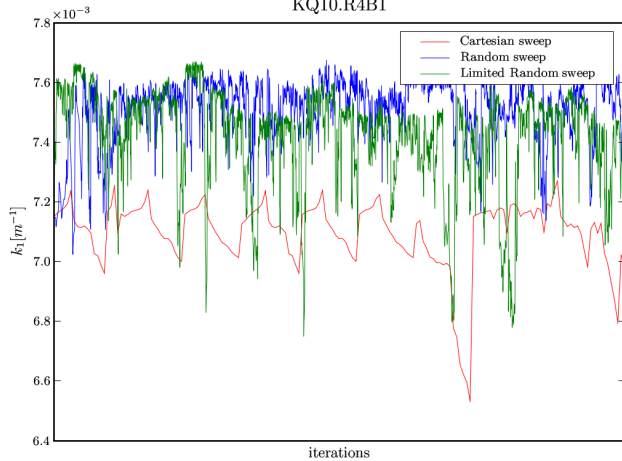




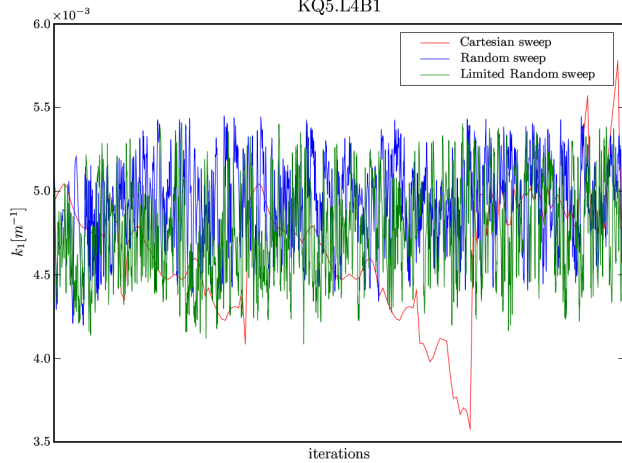
KQ10.L4B1



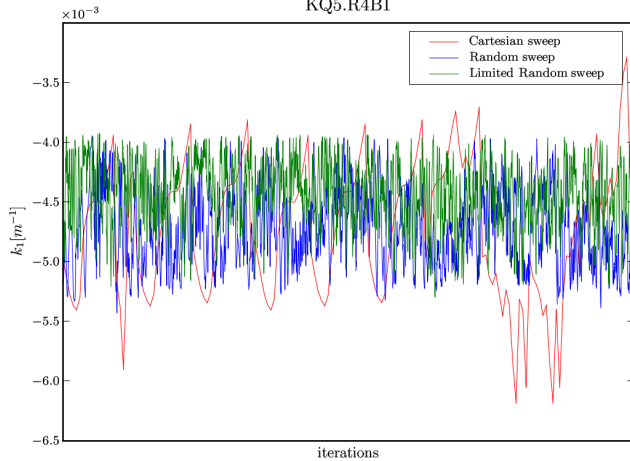
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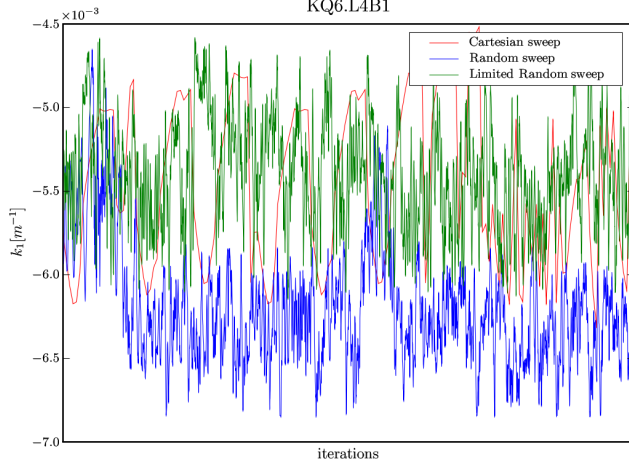
KQ5.L4B1



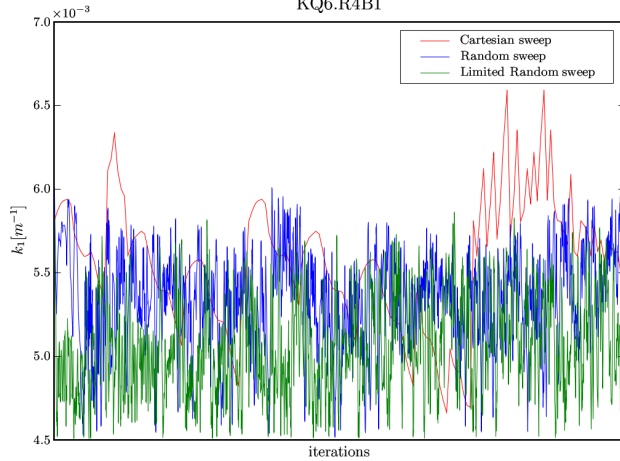
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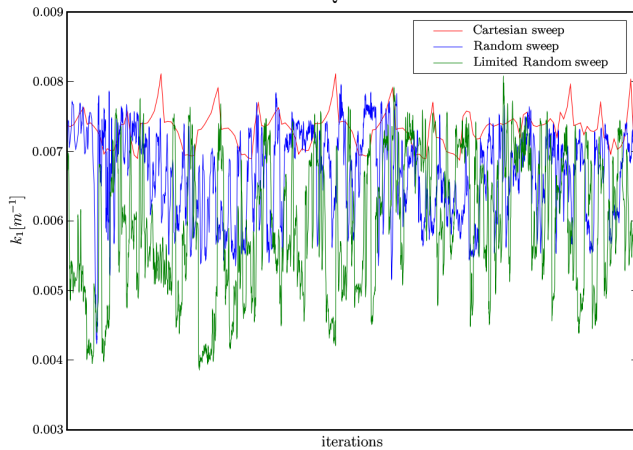
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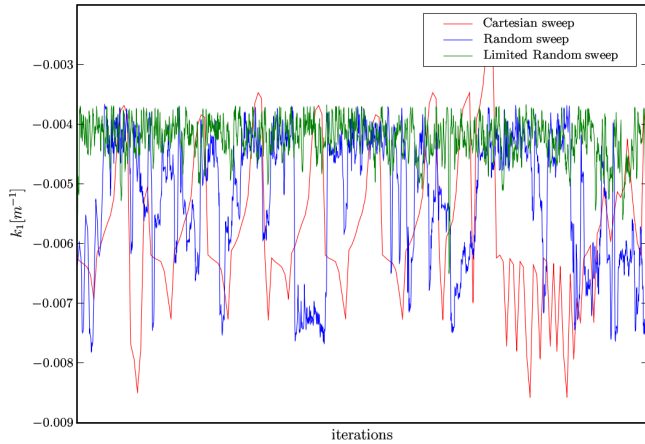
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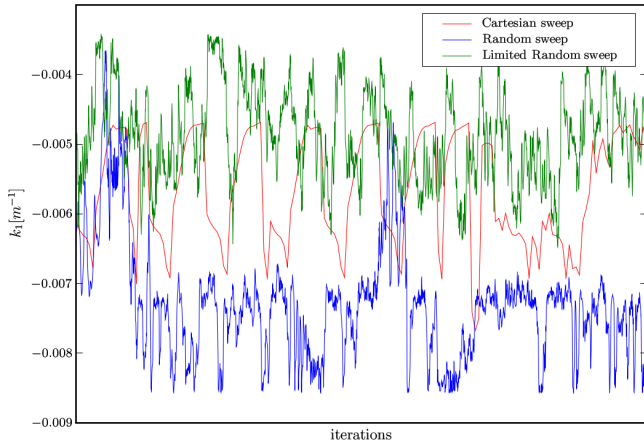
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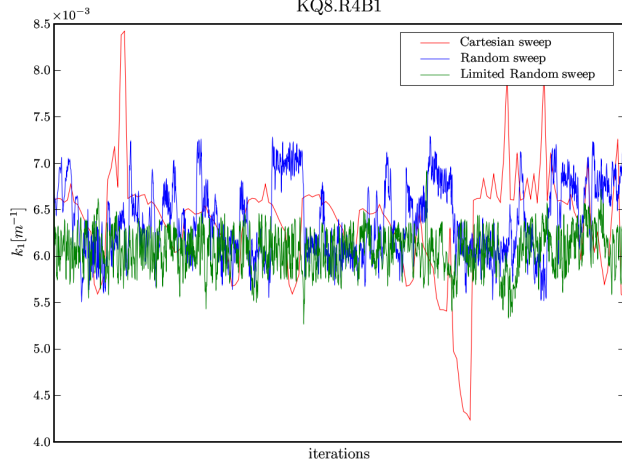
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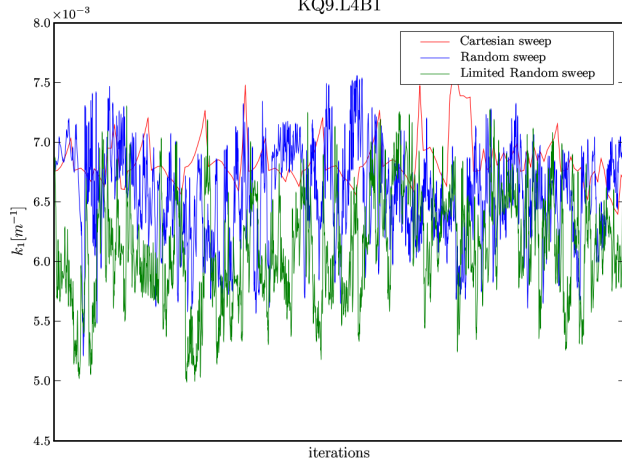
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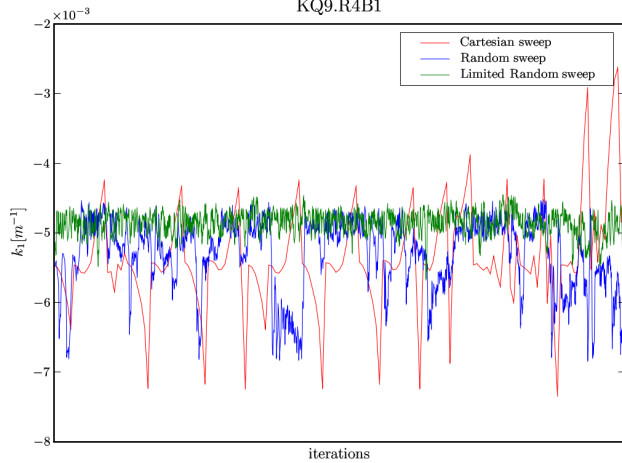
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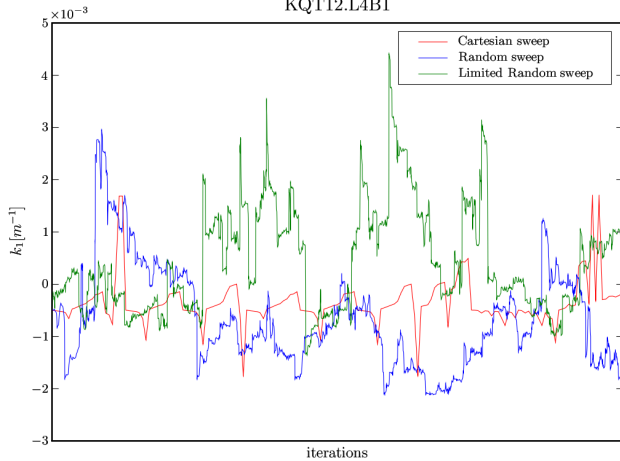
KQ9.L4B1



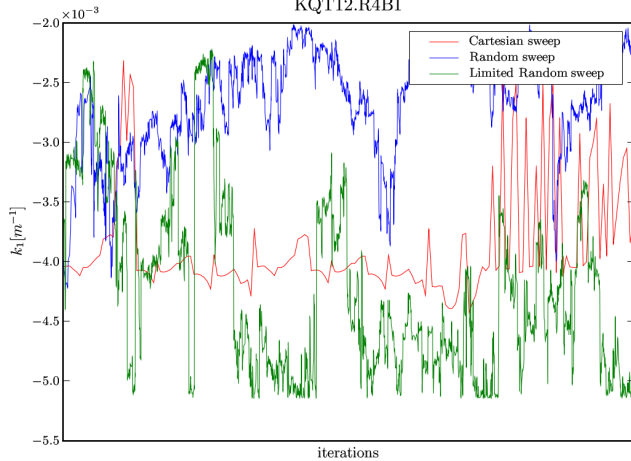
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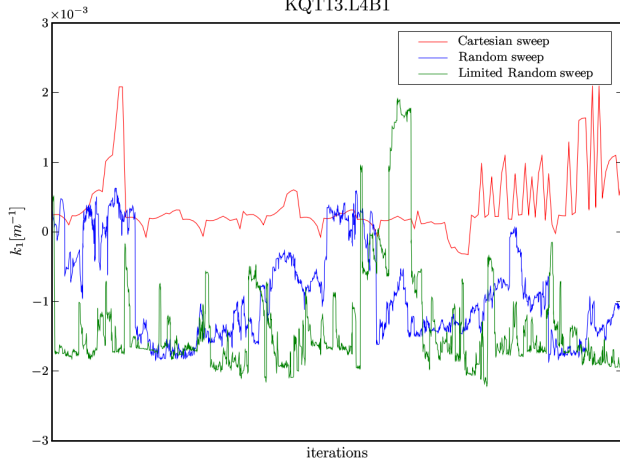
KQT12.L4B1



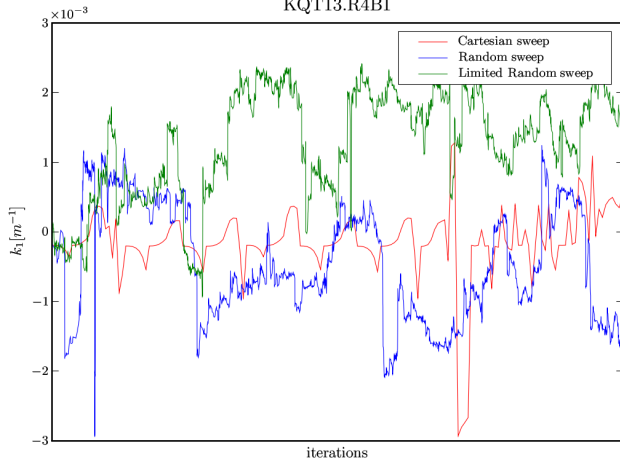
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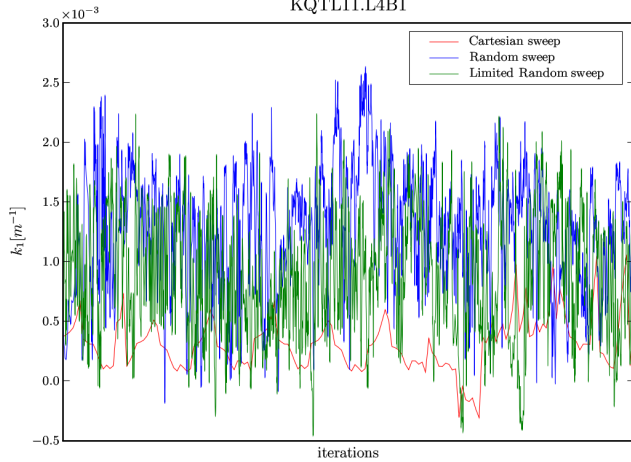
KQT13.L4B1



KQT13.R4B1



KQTL11.L4B1



KQTL11.R4B1

