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By Ralph C. Smith

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<http://www.annualreviews.org/doi/abs/10.1146/annurev-matsci-071312-121708>

### **Seminar Uncertainty Quantification - Summer 14 - -**

Seminar Uncertainty Quantification The chapter on Stochastic basics in Uncertainty Quantification: Theory, Implementation, and Applications. Ralph C. Smith.

[http://www5.in.tum.de/wiki/index.php/Seminar\\_Uncertainty\\_Quantification\\_-\\_Summer\\_14](http://www5.in.tum.de/wiki/index.php/Seminar_Uncertainty_Quantification_-_Summer_14)

### **Smart Materials Research An Open Access Journal -**

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and incorporating statistical approaches into mathematical modeling and uncertainty quantification Zackary Kenz, H.T Banks, Ralph C. Smith; applications

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Computational Science & Engineering, RALPH C. SMITH, Uncertainty Quantification. Theory, Implementation, and Applications,

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<http://library.stanford.edu/mathstat/new-books-received-june-2014>

**MTH 656-001 S14 - Oregon State University -**

MTH 656 - Sec 001 Numerical Analysis Ralph C Smith. Uncertainty Quantification: Theory, Implementation, and Applications, volume 12. SIAM, 2013. Dongbin Xiu.

<http://math.oregonstate.edu/~gibson/Teaching/MTH656-001S14/>

**SIAM Journal on Control and Optimization - SIAM -**

Applications of the theory to heat equations and plate equations are provided. SIAM Journal on Control and Optimization. Ralph C. Smith,

<http://epubs.siam.org/doi/abs/10.1137/S0363012992232208>

**ASME DC | Journal of Dynamic Systems, Measurement, -**

Journal of Thermal Science and Engineering Applications; Validation and Uncertainty Quantification; Journal of Dynamic Systems, Measurement,

<http://dynamicsystems.asmedigitalcollection.asme.org/issue.aspx?journalid=117&issueid=26497>

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**Smith R.C. Uncertainty quantification: theory, -**

Smith R.C. Uncertainty quantification: theory, implementation, and applications. / Contents : 184 9 Uncertainty Propagation in Models

<http://www.prometeus.nsc.ru/acquisitions/14-12-02/cont20f.ssi>

**SIAM Unwrapped December 2013 | SIAM Connect -**

discussion in the broader applied math and computational science Uncertainty Quantification: Theory, Implementation, and Applications. Ralph C. Smith.

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Journal of Thermal Science and Engineering Applications; Validation and Uncertainty Quantification; Ralph C. Smith.

<http://proceedings.asmedigitalcollection.asme.org/proceeding.aspx?articleid=1833219>

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