



FAKULTÄT FÜR
MATHEMATIK

Publikationsbericht 2015

FAKULTÄT FÜR MATHEMATIK

Universitätsplatz 2, Gebäude 02, 39106 Magdeburg
Tel. +49 (0)391 67 58663, Fax +49 (0)391 67 12758
fma@uni-magdeburg.de

1. Leitung

Prof. Dr. rer. nat. habil. Alexander Pott (Dekan)
Prof. Dr. rer. nat. habil. Rainer Schwabe (Prodekan und Studiendekan)

2. Veröffentlichungen

Dissertationen

Bruns, Angelika Susanne; Benner, Peter [Gutachter]

Bilinear H2-optimal Model Order Reduction with applications to thermal parametric systems. - Magdeburg, Univ., Fak. für Mathematik, Diss., 2015; XX, 191 S.: Ill., graph. Darst.;

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Approximations and asymptotic expansions for sums of heavy-tailed random variables. - Magdeburg, Univ., Fak. für Mathematik, Diss., 2015; 150 S.: graph. Darst.;

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Pulst, Ludwig; Grunau, Hans-Christoph [Gutachter]

Dominance of positivity of the Green's function associated to a perturbed polyharmonic dirichlet boundary value problem by pointwise estimates. - Magdeburg, Univ., Fak. für Mathematik, Diss., 2015; 95 S.: graph. Darst.;

Uddin, Mohammad Monir; Benner, Peter [Gutachter]

Computational methods for model reduction of large-scale sparse structured descriptor systems. - Magdeburg, Univ., Fak. für Mathematik, Diss., 2015; XXVI, 123 S.: graph. Darst.;

Voigt, Matthias; Benner, Peter [Gutachter]

On linear-quadratic optimal control and robustness of differential-algebraic systems. - Zugl.: Magdeburg, Univ., Fak. für Mathematik, Diss., 2015; Berlin: Logos Berlin; xviii, 284 Seiten: Illustrationen; 21 cm, ISBN 3832541187;

INSTITUT FÜR ALGEBRA UND GEOMETRIE

Universitätsplatz 2, 39106 Magdeburg
Tel. +49 (0)391 67 58713 Fax +49 (0)391 67 11213
jeannette.polte@ovgu.de

1. Leitung

Prof. Dr. Herbert Henning (bis 31.03.2015)
Prof. Dr. Benjamin Nill (ab 01.10.2015)
Prof. Dr. Alexander Pott (Institutsleiter)
PD Dr. Gohar Kyureghyan

2. Veröffentlichungen

Begutachtete Zeitschriftenaufsätze

Abardia, Judit; Saorín Gómez, Eugenia

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INSTITUT FÜR ANALYSIS UND NUMERIK

Universitätsplatz 2, 39106 Magdeburg
Tel. +49 (0)391 67 18649 / 18586 / 18700, Fax +49 (0)391 67 18073
ian@uni-magdeburg.de

1. Leitung

Prof. Dr. Klaus Deckelnick
Prof. Dr. Hans-Christoph Grunau
Prof. Dr. Miles Simon
Prof. Dr. Lutz Tobiska (Geschäftsführender Leiter)
Prof. Dr. Gerald Warnecke
Priv.-Doz. Dr. Bernd Rummeler

2. Veröffentlichungen

Begutachtete Zeitschriftenaufsätze

Camejo, Carlos Cueto; Gröpler, Robin; Warnecke, Gerald

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Bannasch, Sebastian; Frysch, Robert; Bismark, Richard; Warnecke, Gerald; Rose, Georg

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In: Fully Three-Dimensional Image Reconstruction in Radiology and Nuclear Medicine: proceedings. - Newport; 2015, Art. Th21, S. 622-625;

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Acceleration of a regularized Algebraic Reconstruction Technique evaluated with a simulation of computed tomography

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Baer, Stephan; Schmidt, Jürgen [Gutachter]; Specht, Eckehard [Gutachter]; Tobiska, Lutz [Gutachter]

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Dominance of positivity of the Green's function associated to a perturbed polyharmonic dirichlet boundary value problem by pointwise estimates. - Magdeburg, Univ., Fak. für Mathematik, Diss., 2015; 95 S.: graph. Darst.;

Uddin, Mohammad Monir; Benner, Peter [Gutachter]

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INSTITUT FÜR MATHEMATISCHE OPTIMIERUNG

Universitätsplatz 2, 39106 Magdeburg
Tel. +49 (0)391 67 58756, Fax +49 (0)391 67 11171
imo@uni-magdeburg.de

1. Leitung

Prof. Dr. rer. nat. habil. Sebastian Sager (geschäftsführender Leiter)
Prof. Dr. rer. nat. habil. Volker Kaibel

2. Veröffentlichungen

Begutachtete Zeitschriftenaufsätze

Averkov, Gennadiy; Bianchi, Gabriele

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Largest integral simplices with one interior integral point - solution of Hensley's conjecture and related results

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INSTITUT FÜR MATHEMATISCHE STOCHASTIK

Universitätsplatz 2, 39106 Magdeburg
Tel. +49 (0)391 67 58651, Fax +49 (0)391 67 11172
imst@ovgu.de

1. Leitung

Prof. Dr. Norbert Gaffke - geschäftsführender Leiter (bis 31.03.2015)

Prof. Dr. Claudia Kirch - geschäftsführende Leiterin (ab 01.04.2015)

Prof. Dr. Rainer Schwabe

apl. Prof. Dr. Waltraud Kahle

Dr. Heiko Großmann (seit 01.04.2015)

2. Veröffentlichungen

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