

CENTER FOR APPROXIMATION THEORY ANNUAL SYMPOSIUM

Department of Mathematics

Texas A&M University

317 Milner Hall

15th and 16th April

Programme

Friday, 15th April

10:00 – 10:20 Refreshments

MORNING SESSION – Chair: J. Ward

10:20 – 11:10 F. Deutsch, Penn State University
Best approximation in Hilbert space

11:20 – 12:00 G. Chen, University of Houston
Nevanlinna-Pick interpolation: its computation and applications

Lunch Break

AFTERNOON SESSION – Chair: G. Battle

2:00 – 2:40 R. Lazarov, Texas A&M University
Superconvergence of the mixed finite element approximations of parabolic problems with nonsmooth initial data

2:45 – 3:25 F. J. Narcowich, Texas A&M University
Generalized Hermite interpolation on \mathbf{T}^m with periodic 'RBFs'

3:25 – 3:45 *Coffee break*

3:45 – 4:25 D. Larson, Texas A&M University
On a class of Meyer's - type wavelets

4:30 – 5:10 Y. Xu, North Dakota State University
Wavelet construction on invariant sets

6:00 – Annual barbecue and picnic at the Chuis' home
(weather permitting)

Saturday, 16th April

8:30 – 9:00 Refreshments

MORNING SESSION – Chair: C. Chui

9:00 – 9:40 T. Lyche, University of Oslo and Rice University
L-spline wavelets

9:45 – 10:25 J. Lei, University of Texas - Austin
Quasi-interpolation on scattered data

10:25 – 10:45 *Coffee break*

10:45 – 11:25 R. Goldman, Rice University
Discrete unimodality of B-spline and Bernstein bases

11:30 – 12:10 J. Warren, Rice University
Uniform subdivision over irregular grids

Lunch Break

AFTERNOON SESSION – Chair: E. Quak

2:00 – 2:40 P. Massopust, Sam Houston State University
Wavelet-Galerkin methods based upon fractal interpolation

2:45 – 3:25 M. Maesumi, Lamar University
Regularity of a class of n-dimensional scaling functions

3:25 – 3:45 *Coffee break*

3:45 – 4:25 P. W. Smith, WindWard Technologies, Inc.
Putting splines in Microsoft's Excel

4:30 – 5:10 A. Habib, Rice University
Theories of contact specified by connection matrices



For additional information, please contact
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