FACULTY CURRICULUM VITAE

MEHMET CELIK
(Updated on 06/15/2015)

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AREA OF EXPERTISE

Primary area of research is Several Complex Variables; **Secondary areas** are Partial Differential Equations, Differential Geometry, and Math Education.
Research Interest is in Compactness and Regularity of the d-bar - Neumann Problem, Bergman Projection, Invariant Metrics, Pseudo-convex Domains, and Hankel Operators.

EDUCATION

2008	Ph.D. in Mathematics	Texas A&M University, College Station, TX

PROFESSIONAL EXPERIENCE

2010 Fall / present	Department of Mathematics and Information Sciences, University of North Texas at Dallas, TX	Assistant Professor of Mathematics (tenure track)
2008 Fall / 2010 Summer	Department of Mathematics, University of Arkansas - Fort Smith, AR	Assistant Professor of Mathematics

SCHOLARSHIP

Publications

- **Mehmet Celik** (with Y. E. Zeytuncu), *Nilpotent Toeplitz Operators on Reinhardt Domains*. **Rocky Mountain Journal of Mathematics**, (accepted for publication).

- **Mehmet Celik** (with S. Sahutoglu), *Compactness of the $\bar{\partial}-Neumann$ operator and commutators of the Bergman projection with continuous functions*, **Journal of Mathematical Analysis and Applications**.

409, (2014), Pages 393-398.

- **Mehmet Celik** (with Y. E. Zeytuncu), *Hilbert–Schmidt Hankel Operators with anti-holomorphic Symbols on Complex Ellipsoids*, **Integral Equations Operator Theory** 76 (2013), no. 4, 589–599.

- **Mehmet Celik** (with A. Shaqlaih), *Students' Preferences in Mathematics Labs*, **American Journal of Educational Studies**, Volume 6(#2), (2013) Pages 17-36.

- **Mehmet Celik** (with S. Sahutoglu), *On Compactness of the $\bar{\partial}$-Neumann Problem and Hankel Operators*, **Proceedings of the American Mathematical Society**. Volume 140, Number 1, January 2012, Pages 153–159.

- **Mehmet Celik** (with E. Straube), *Observations Regarding Compactness in the $\bar{\partial}$-Neumann Problem*, **Complex Variables and Elliptic Equations** 54, nos. 3–4 (2009), 173–186.

- **Mehmet Celik,** *Contributions to the compactness theory of the $\bar{\partial}$-Neumann operator*, **Ph.D. thesis, Texas A&M University**, TX, 2008.