Curriculum Vitae

Patrick John Sullivan

Education:

    Ph. D. in mathematics, 1986, University of Michigan, Ann Arbor, Michigan
    M.S. in mathematics, 1985, University of Michigan, Ann Arbor, Michigan
    B.S. in mathematics 1980, University of Notre Dame, Notre Dame, Indiana

Professional Positions:

    Associate Professor, Valparaiso University (1992 - present)
    Director, Actuarial Science program, Valparaiso University (2010-present)
    Chair, Department of Mathematics and Computer Science, Valparaiso
        University, (1994 - 2003)
    Assistant Professor, Valparaiso University (1986 - 1992).

Professional Memberships:

    Mathematical Association of America
        Vice Chair, Indiana Section 2010-2011
        Chair, Indiana Section 2011-2012
    American Mathematical Society
    Phi Beta Kappa
        Secretary, Valparaiso University Chapter, 2004-present

Publications:

"Subnormal Operators and the class A", Journal of Operator Theory, 18(1987),
    237-248.

With George Exner, "Normal Operators and the Classes A_n", Journal of
    Operator Theory, 19(1988), 81-94.

"Has Graphing Software Rendered the First Derivative Obsolete in Max\Min
    Problems?", Proceedings Third Annual International Conference on
    Technology in Collegiate Mathematics, 1990.

"CAS in Linear Algebra and Differential Equations", Symbolic Computation in
    Undergraduate Mathematics Education, (Zaven Karian, Ed.), MAA Notes No.
    24, 1992.

"Dilations and Subnormal Operators with Rich Spectrum", Journal of Operator
    Theory, 29(1993) 29-42.

"The FA Cup Draw and Pairing Up Probabilities", College Mathematics Journal,
    Vol. 47, No. 4 (September 2016) 282-291.

Award:

    Indiana Section of the Mathematical Association of America Award for
Distinguished Service, 2015

Presentations:

"Subnormal Operators and the class A", Asymmetric Algebras and Invariant Subspaces Conference, Indiana University, March 1986

"Normal Operators and the Classes A_n", Mini-conference on Dual Algebras, University of Michigan, July 1986.

"Computers and Calculus at Valparaiso University", Indiana Section Meeting of the Mathematical Association of America, Valparaiso University, October 1990

"Has Graphing Software Rendered the First Derivative Obsolete in Max\Min Problems?", Third Annual International Conference on Technology in Collegiate Mathematics, Ohio State University, November 1990.

"Vector Functions and Field Goals", Joint American Mathematical Society-Mathematical Association of America Meetings, Cincinnati, Ohio, January 1994.

"The FA cup draw and Pairing Up Probabilities", Joint American Mathematical Society-Mathematical Association of America Meetings, San Antonio, Texas January 2015.