Spring Lecture Series N.18
Clifford Algebras in Analysis (1993)

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Contributions by:

P. Auscher

Title: Smooth Clifford Wawelets and Applications

G. Verchota

Title: The boundary Garding inequality for higher order elliptic operators

G. David

Title: Uniform rectifiability of singular sets for the Mumford-Shah functional

J. Gilbert

Title: Dirac operators and representations of Spin(1,n)

D. Dix

Title: Applications of Clifford Analysis to inverse scattering in several space dimensions

N. Vasilievsky

Title: Singular integral operators in quaternionic and Clifford analysis

Z. Xu

Title: On boundary Value problems for monogenic functions

P. Jorgensen

Title: Self adjoint operators extensions and Clifford Algebras

C. Kenig

Title: Square functions estimates for solutions to elliptic equations and systems on Lipschitz domains

M. Mitrea

Title: Hypercomplex variable techniques in harmonic analysis

C. Li

Title: Clifford algebras and n-tuple operators

T. Qian

Title: Singular integrals with monogenic kernels on tori

J. Ryan

Title: Conformably covariant operators in several complex variables

B. Jawerth

Title: Clifford Wavelets

S. Semmes

Title: Clifford analysis, square functions and weak flatness

Z. Wu

Title: Bilinear forms on Potential spaces

R. Torres

Title: Transmission problems with Lipschitz interfaces

M. Shapiro

Title: The dirac operator factorizes the Laplacian

J. Alvarez

Title: H^p and weak H^P continuity of Calderon-Zygmund type operators

C. Zhou

Title: Neuman type problems for Dirac operators

W. Pezzaglia

Title: Properties and physical interpretations of classes of solutions to the real multivector Dirac Equation

P. Lounesto

Title: Mobius transformations, Vahlen matrices and their factorization

G. Miller

Title: Multilinear Arcana and the Clifford algebra connection