

Complete list of publications of CRG – Clifford Research Group Ghent University

Volledige lijst van publicaties van de onderzoeksgroep Cliffordanalyse

Actual members of the research group / Huidige leden van de onderzoeksgroep

Hennie De Schepper (director)
Franciscus Sommen
Hendrik De Bie
Kevin Coulembier
Hilde De Ridder
Nele De Schepper
Dixan Pena Pena
Tim Raeymaekers
Michael Wutzig
Peter Van Lancker (HoGent)
Fred Brackx (emeritus)
Richard Delanghe (emeritus)

Former members of the research group / Vroegere leden van de onderzoeksgroep

M. Abul-Ez (King Khalid University), W. Arts (UGent), J. Cnops (HoGent), D. Constaes (UGent), B. De Knock, D. Eelbode (UA), R.S. Krausshar, W. Pincket, J. Pincket, H. Serras, N. Van Acker, Liesbet Van de Voorde, P. Van Lancker (HoGent).

Remark: this list contains all papers written by actual or former members of the group, during the period of their actual membership.

Opmerking: deze lijst bevat alle artikels geschreven door huidige of vroegere leden van de groep, tijdens de periode dat ze aan de groep waren verbonden.

Papers in journals / Tijdschriftartikels

(a1) ISI-journals / ISI-tijdschriften

- [1] R. Delanghe
On the center and the radical of a Clifford algebra, *Simon Stevin* **42**, 1968/69, 123-131.
- [2] R. Delanghe
A theorem on Lyapunov transformations, *Bull. Soc. Math. Belg.* **21**, 1969, 343-347.
- [3] R. Delanghe
On the lattice of ideals in a Clifford algebra, *Simon Stevin* **43**, 1969/70, 61-69.
- [4] R. Delanghe
Morera's theorem for functions with values in a Clifford algebra, *Simon Stevin* **43**, 1969/70, 129-140.
- [5] R. Delanghe
On semi-simple rings with minimum condition and their associated Jordan ring, *Simon Stevin* **43**, 1969/70, 141-144.
- [6] R. Delanghe
On regular-analytic functions with values in a Clifford algebra, *Math. Ann.* **185**, 1970, 91-111.
- [7] R. Delanghe
On regular points and Liouville's theorem for functions with values in a Clifford algebra, *Simon Stevin* **44**, 1970/71, 55-66.
- [8] R. Delanghe
On the analogue of Koebe's theorem for functions with values in a Clifford algebra, *Mathematische Annalen* **192**, 1971, 196-202.
- [9] R. Delanghe
On the singularities of functions with values in a Clifford algebra, *Math. Ann.* **196**, 1972, 293-319.
- [10] R. Delanghe
On the separability of a generalized Hilbert space with reproducing kernel, *Simon Stevin* **46**, 1972/73, 17-32.

- [11] R. Delanghe
On regular functions with values in topological modules over a Clifford algebra, *Bull. Soc. Math. Belg.* **25**, 1973, 131-138.
- [12] F. Brackx
Differentiability and convergence for functions with values in a seminormed space, *Simon Stevin* **52**, 1978, 5-21.
- [13] F. Brackx
The behaviour at infinity of (k)-monogenic functions of a quaternion variable, *Simon Stevin* **52**, 1978, 49-60.
- [14] R. Delanghe, F. Brackx
Hypercomplex function theory and Hilbert modules with reproducing kernel, *Proc. London Math. Soc.* **3(37)**, 1978, 545-576.
- [15] F. Brackx, R. Delanghe
The theory of distributions: an introduction, *Simon Stevin Suppl. Vol. 53*, 1979 [monografie 127 pp]
- [16] R. Delanghe
On the extension of linear functionals in modules over an H^* -algebra, *Simon Stevin* **53(3)**, 1979, 201-209.
- [17] R. Delanghe, F. Brackx
Regular solutions at infinity of a generalized Cauchy-Riemann operator, *Simon Stevin* **53(1-2)**, 1979, 13-30.
- [18] R. Delanghe, C. Impens
N-semigroups as codomain of measures, *Semigroup Forum* **17(4)**, 1979, 379--386.
- [19] W. Govaerts, R. Delanghe, C. Impens
Representation of ring morphisms on product rings, *Simon Stevin* **53(1-2)**, 1979, 31-37.
- [20] F. Sommen
Representation of distributions in \mathbb{R}^3 by regular functions of a quaternion variable, *Simon Stevin* **53(1-2)**, 1979, 131-150.
- [21] R. Delanghe, F. Brackx
Runge's theorem in hypercomplex function theory, *J. Approx. Theory* **29(3)**, 1980, 200-211.
- [22] R. Delanghe, F. Brackx
Duality in hypercomplex function theory, *J. Funct. Anal.* **37(2)**, 1980, 164-181.
- [23] F. Sommen
Distributional extension properties of hypercomplex functions, *Bull. Soc. Math. Belg.* **32B(2)**, 1980, 209-228.
- [24] R. Delanghe, J. Pincket
On the representation of linear functionals on spaces of continuous functions, *Simon Stevin* **55(4)**, 1981, 177-196.
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A product and an exponential function in hypercomplex function theory, *Applic. Anal.* **12(1)**, 1981, 13-26.
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