

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

### Volledige lijst van publicaties van de onderzoeksgroep Cliffordanalyse

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.

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## 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.
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Distributional extension properties of hypercomplex functions, *Bull. Soc. Math. Belg.* **32B(2)**, 1980, 209-228.
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On the representation of linear functionals on spaces of continuous functions, *Simon Stevin* **55(4)**, 1981, 177-196.
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- [26] F. Brackx, W. Pincket  
The Newtonian potential for a generalized Cauchy-Riemann operator in Euclidean space, *AMS Series Contemporary Math.* **11**, 1982, 219-245.
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Monogenic differential forms and homology theory, *Proc. Roy. Irish Acad.* **84(2)**, 1984, 87-109.
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