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We try to give closest numbers; \pm may be an additional position indication.

C stands for Corollary, D for Definition, E for Exercise or Example, L. for Lemma, P. for Proposition, R. for Remark, S. for Section, T. for Theorem. We try to put definitions first.

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- $J(x, r)$ (42.4); $J^*(x, r)$ (42.7)
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- RGM* D.54.4, Notation 54.10
- TRLQ*(Ω) 18.14
- TRLAM*(Ω, h) 41.1
- $W^{1,p}$ D.2.2, (9.1)
- $\omega_p(x, r)$ (23.5) ; $\omega_p^*(x, r)$ (42.5)
- $\omega_n = |B(0, 1)|$ in \mathbb{R}^n ;
 $\tilde{\omega}_{n-1} = H^{n-1}(\partial B(0, 1))$ in \mathbb{R}^n

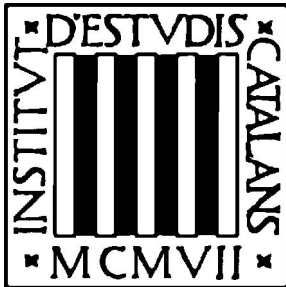


Ferran Sunyer i Balaguer (1912–1967) was a self-taught Catalan mathematician who, in spite of a serious physical disability, was very active in research in classical mathematical analysis, an area in which he acquired international recognition. His heirs created the Fundació Ferran Sunyer i Balaguer inside the Institut d'Estudis Catalans to honor the memory of Ferran Sunyer i Balaguer and to promote mathematical research.

Each year, the Fundació Ferran Sunyer i Balaguer and the Institut d'Estudis Catalans award an international research prize for a mathematical monograph of expository nature. The prize-winning monographs are published in this series. Details about the prize and the Fundació Ferran Sunyer i Balaguer can be found at

<http://www.crm.es/FSBPrize/ffsb.htm>

**This book has been awarded the
Ferran Sunyer i Balaguer 2004 prize.**



The members of the scientific committee of the 2004 prize were:

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University of Michigan

Antonio Córdoba

Universidad Autónoma de Madrid

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- 1996 V. Kumar Murty and M. Ram Murty
Non-vanishing of L-Functions and Applications, PM 157
- 1997 Albrecht Böttcher and Yuri I. Karlovich
Carleson Curves, Muckenhoupt Weights, and Toeplitz Operators, PM 154
- 1998 Juan J. Morales-Ruiz
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Parabolic Quasilinear Equations Minimizing Linear Growth Functionals, PM 223
- 2004 Guy David
Singular Sets of Minimizers for the Mumford-Shah Functional, PM 233