



## 100 volumes of "Notes on numerical fluid mechanics" : 40 years of numerical fluid mechanics and aerodynamics in retrospect /

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1933-)

Springer,

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Monografía

This volume contains 37 invited contributions, collected to celebrate one hundred volumes of the NNFM Series. After a general introduction overviews are given in five parts of the developments in numerical fluid mechanics and related fields. In the first part information about the series is given, its origins are discussed, as well as its environment and the German and European high-performance computer scene. In Part II the co-editors of the series give short surveys over developments in their countries. Current applications, mainly in the aerospace sector, but also in the automotive sector, are discussed in Part III. Applications to flow problems in engineering and physics, ranging from hydraulic machinery to astrophysics, are the topics of Part IV. Algorithms, computer science, commercial CFD, public partnerships in high-performance computing, and hardware development up to petaflops computers are treated in Part V. All volumes, which were published in the series finally are listed in Part VI

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**Título:** 100 volumes of "Notes on numerical fluid mechanics" 40 years of numerical fluid mechanics and aerodynamics in retrospect Ernst Heinrich Hirschel, Egon Krause (editors)

**Editorial:** Berlin Springer ©2009

**Descripción física:** 1 online resource (xviii, 503 pages) illustrations (some color)

**Variantes del título:** Hundred volumes of "Notes on numerical fluid mechanics" One hundred volumes of "Notes on numerical fluid mechanics" Notes on numerical fluid mechanics

**Mención de serie:** Notes on numerical fluid mechanics and multidisciplinary design 1612-2909 v. 100

**Bibliografía:** Includes bibliographical references

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**Lengua:** English

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**ISBN:** 9783540708056 3540708057 3540708049 hd. bd.) 9783540708049 hd. bd.) 1282363980 9781282363984 9786612363986 6612363983

**Materia:** Fluid mechanics- Mathematical models Aerodynamics- Mathematical models TECHNOLOGY & ENGINEERING- Hydraulics Fluid mechanics- Mathematical models Aerodynamics- Mathematical models Ingénierie Aerodynamics- Mathematical models Fluid mechanics- Mathematical models Numerische Strömungssimulation

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**Enlace a formato físico adicional:** Print version 100 volumes of "Notes on numerical fluid mechanics". Berlin : Springer, ©2009 9783540708049 3540708049 (DLC) 2009921827 (OCoLC)379996732

**Punto acceso adicional serie-Título:** Notes on numerical fluid mechanics and multidisciplinary design v. 100

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