1. Record Nr. UNINA9910813995903321

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| Titolo | Basil Hume : ten years on / / edited by William Charles |
| Pubbl/distr/stampa | London, [England] ; ; New York, New York : , : Burns & Oates, , 2009<br>©2009 |
| ISBN | 1-282-87703-8<br>9786612877032<br>1-4411-9732-X |
| Descrizione fisica | 1 online resource (239 p.) |
| Disciplina | 282.092 |
| Soggetti | Cardinals - Great Britain |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Description based upon print version of record. |
| Nota di contenuto | Formed in the family / William Charles -- Formed in the monastery : Ampleforth recollections -- Ordination / William Charles -- Basil Hume as schoolmaster / Richard Thomas -- Monastic, administrative, and pastoral experience at Ampleforth / Patrick Barry -- Farewell chapter of Abbot Basil Hume, 11 March 1976 -- A historic day at Westminster / Patrick Barry -- Basil Hume the pastor : Westminster recollections -- Young people's evenings / Teresa de Bertodano -- Colleague and friend / Sally McAllister -- The steadfast pilgrim / John Crowley -- Cardinal Hume's impact on others / William Charles -- Cardinal Hume's influence in Europe / Ivo Furer, with introduction by William Charles -- Inspiration for a lay movement in Chile / Jonathan Perry, Gigi Blumer -- Ethiopia and Auschwitz ; Friendship ; Meeting Christ / William Charles. |
| Sommario/riassunto | Cardinal Hume was a much loved man. Those who met him know why they found him lovable. This very personal book seeks to show and to explain to those who did not meet him why he was so much loved. Those who met him may also learn and understand more about their old friend. Chapters are by a variety of different people almost all of whom knew him very well indeed and have never until now written about the Cardinal. They show the warmth and humanity, the charm and humour and, above all, the deep spirituality of the man. There are delightful, entertaining stories never previously told, and pieces |

2. Record Nr. UNINA9911007086003321

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| Autore | Aris Rutherford |
| Titolo | Vectors, Tensors and the Basic Equations of Fluid Mechanics |
| Pubbl/distr/stampa | Newburyport, : Dover Publications, 2012 |
| ISBN | 9780486134895<br>048613489X<br>9781621986447<br>1621986446 |
| Edizione | [1st ed.] |
| Descrizione fisica | 1 online resource (606 p.) |
| Collana | Dover Books on Mathematics |
| Disciplina | 532 |
| Soggetti | Fluid dynamics<br>Calculus of tensors<br>Vector analysis<br>Engineering & Applied Sciences<br>Applied Mathematics |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Description based upon print version of record. |
| Nota di contenuto | DOVER BOOKS ON MATHEMATICS; Title Page; Copyright Page; Dedication; Preface; Table of Contents; 1 - Introduction; 1.1. Mathematical theories and engineering science; 1.2. Scalars, vectors, and tensors; 1.3. Preview; BIBLIOGRAPHY; 2 - Cartesian Vectors and Tensors: Their Algebra; 2.11. Definition of a vector; 2.12. Example of vectors; 2.13. Scalar multiplication; 2.21. Addition of vectors - Coplanar vectors; 2.22. Unit vectors; 2.23. A basis of non-coplanar vectors; 2.31. Scalar product - Orthogonality; 2.32. Vector product; 2.33. Velocity due to rigid body rotation<br>2.34. Triple scalar product2.35. Triple vector product; 2.36. Reciprocal base systems; 2.41. Second order tensors; 2.42. Examples of second order tensors; 2.43. Scalar multiplication and addition; 2.44. Contraction and multiplication; 2.45. The vector of an antisymmetric tensor; 2.5. Canonical form of a symmetric tensor; 2.61. Higher order tensors; 2.62. The quotient rule; 2.7. Isotropic tensors; 2.81. Dyadics and other notations; 2.82. Axial vectors; BIBLIOGRAPHY; 3 - Cartesian Vectors and Tensors: Their Calculus; 3.11. Tensor functions of a time- |

like variable; 3.12. Curves in space
4.12. Streamlines4.13. Streaklines; 4.21. Dilatation; 4.22. Reynolds' transport theorem; 4.3. Conservation of mass and the equation of continuity; 4.41. Deformation and rate of strain; 4.42. Physical interpretation of the deformation tensor; 4.43. Principal axes of deformation; 4.5. Vorticity, vortex lines, and tubes; 5 - Stress in Fluids; 5.11. Cauchy's stress principle and the conservation of momentum; 5.12. The stress tensor; 5.13. The symmetry of the stress tensor; 5.14. Hydrostatic pressure; 5.15. Principal axes of stress and the notion of isotropy; 5.21. The Stokesian fluid
5.22. Constitutive equations of the Stokesian fluid5.23. The Newtonian fluid; 5.24. Interpretation of the constants  and ; 6 - Equations of Motion and Energy in Cartesian Coordinates; 6.11. Equations of motion of a Newtonian fluid; 6.12. Boundary conditions; 6.13. The Reynolds number; 6.14. Dissipation of energy by viscous forces; 6.2. Equations for a Stokesian fluid; 6.3. The energy equation; 6.41. Resume of the development of the equations; 6.42. Special cases of the equations; 6.51. Bernoulli theorems; 6.52. Some further properties of barotropic flow; 7 - Tensors
7.11. Coordinate systems and conventions

Sommario/riassunto

<DIV>This introductory text is geared toward engineers, physicists, and applied mathematicians at the advanced undergraduate and graduate levels. It applies the mathematics of Cartesian and general tensors to physical field theories and demonstrates them chiefly in terms of the theory of fluid mechanics. Numerous exercises appear throughout the text. 1962 edition.</DIV>