

## List of publications: B D Reddy

June 2022

### Books and edited works

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1. Reddy BD, *Functional Analysis and Boundary Value Problems: An Introductory Treatment*. (Pitman Surveys and Reference Works in Pure and Applied Mathematics, Vol 30) Longman, London and Wiley, New York (1986) 333 pages.
2. Reddy BD, *Introductory Functional Analysis with Applications to Boundary-Value Problems and Finite Elements*. Springer-Verlag, New York (1998) 471 pages.
3. Reddy BD (editor), *Recent Developments in Computational and Applied Mechanics: A Volume in Honour of John B Martin*. CIMNE, Barcelona (1997) 432 pages.
4. Lubuma J M-S, Luhandjula MK and Reddy BD (editors), *Actes de la Conférence Internationale sur les Problèmes Variationnels en Mathématiques Appliquées*. Presses de l'Université de Kinshasa (1997) 332 pages.
5. Han W and Reddy BD, *Plasticity: Mathematical Theory and Numerical Analysis*. Springer-Verlag, New York (1999) 371 pages. <http://www.springer.com/materials/mechanics/book/978-0-387-98704-0>
6. Reddy BD (editor), Special Issue on Advances in Computational Plasticity, *Computer Methods in Applied Mechanics and Engineering* **171** (Nos.3-4) (1999) [doi:10.1016/S0045-7825\(98\)00209-6](https://doi.org/10.1016/S0045-7825(98)00209-6)
7. Reddy BD (editor), *Theoretical, Modelling and Computational Aspects of Inelastic Media* (Proceedings of IUTAM Symposium) Springer, Berlin (2008).
8. Franz T and Reddy BD (guest editors), Special Issue on Selected Papers from 2<sup>nd</sup> African Conference on Computational Mechanics (2011), *International Journal for Numerical Methods in Biomedical Engineering* **28** (No. 1) (2012).
9. Han W and Reddy BD, *Plasticity: Mathematical Theory and Numerical Analysis*. 2<sup>nd</sup> edition, Springer-Verlag, New York (2013).

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16. Reddy BD, Buckling of elastic-plastic discretely stiffened cylinders in axial compression. *International Journal of Solids and Structures* **16** (1980) 313 - 328. [doi:10.1016/0020-7683\(80\)90084-0](https://doi.org/10.1016/0020-7683(80)90084-0)
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