

MICROMECHANICS OF COMPOSITE MATERIALS A GENERALIZED MULTISCALE ANALYSIS APPROACH

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He has over 375 technical publications, 104 of which are journal publications and is a co-author of the book, *Micromechanics of Composite Materials: A Generalized Multiscale Analysis Approach*. He is an ASM International Fellow, active in AIAA materials TC, author of two US Patents, the 2015 ASC/DEStech Award in Composites recipient, and co-founder and chairman of the Material Data

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With composites under increasing use in industry to replace traditional materials in components and structures, the modeling of composite performance, damage and failure has never been more important.

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Brett A. Bednarczyk, in *Micromechanics of Composite Materials*, 2013 *Micromechanics of Composite Materials: A Generalized Multiscale Analysis Approach* is the culmination of nearly 30 years of work by the first author and his co-workers on the development, implementation, and application of micromechanics theories for composites.

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