

1. Record Nr.	UNINA9910341847603321
Autore	Quillardet Thomas
Titolo	Épanouis et virevoltants // Thomas Quillardet
Pubbl/distr/stampa	Avignon, : Éditions Universitaires d'Avignon, 2019
ISBN	2-35768-073-3
Descrizione fisica	1 online resource (64 p.)
Altri autori (Persone)	AdlerLaure EthisEmmanuel MalinasDamien PyOlivier QuillardetThomas
Soggetti	Theater histoire conte création théâtrale entretien leçon metteur en scène théâtre populaire
Lingua di pubblicazione	Francese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	« Pour moi il y a forcément la notion d'histoire, de raconter une histoire. » Passionné de contes et de « petites anecdotes » depuis l'enfance, Thomas Quillardet considère la notion d'histoire comme la pierre angulaire de la création théâtrale. Révélation du Festival 2017, ce jeune metteur en scène déclare avoir pleinement satisfait son inspiration artistique grâce à Tristesse et joie dans la vie des girafes, pièce qui a eu le mérite de concilier deux types de travail apparemment aussi différents que la traduction et la mise en scène. La rencontre entre ces deux activités ouvre un univers imaginaire destiné à un public de tout âge.

2. Record Nr.	UNINA9910896528203321
Autore	Ochsner Andreas
Titolo	A Numerical Approach to the Micromechanics of Fibre-Reinforced Laminae : The Micromechanics Analysis Tool—MMAT v1.0 // by Andreas Öchsner, Resam Makvandi
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
ISBN	9783031674884 303167488X
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (105 pages)
Collana	Advanced Structured Materials, , 1869-8441 ; ; 218
Altri autori (Persone)	MakvandiResam
Disciplina	620.105
Soggetti	Mechanics, Applied Solids Continuum mechanics Materials science - Data processing Numerical analysis Solid Mechanics Continuum Mechanics Computational Materials Science Numerical Analysis
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Prediction of Elastic Properties of Laminae -- Micromechanics Analysis Tool – MMAT v1.0 -- Application Examples -- Source Codes.
Sommario/riassunto	This book treats the micromechanics of laminae, i.e., the prediction of the macroscopic mechanical lamina properties based on the mechanical properties of the constituents, i.e., fibers and matrix. The focus is on unidirectional lamina which can be described based on orthotropic constitutive equations. In detail, predictions for the modulus of elasticity in and transverse to the fiber direction, the major Poisson's ratio, as wells as the in-plane shear modulus are provided. The mechanics of materials approach, the elasticity solutions with contiguity after Tsai, and the Halpin-Tsai relationships, are presented

in detail. Composite materials, especially fiber-reinforced composites, are gaining increasing importance since they can overcome the limits of many structures based on classical engineering materials. Particularly the combination of a matrix with fibers provides far better properties than the single constituents alone. A typical basic layer, the so-called lamina, can be composed of unidirectional fibers which are embedded in a matrix. In a second step, layers of laminae may be stacked under different fiber angles to a so-called laminate, which reveals—depending on the stacking sequence—different types of anisotropy/isotropy. A Python-based computational tool is provided, the so-called Micromechanics Analysis Tool (MMAT v1.0) to easily predict the elastic properties. The tool runs in any standard web browser and offers a user-friendly interface with many graphical representations of the elastic properties as a function of the fiber volume fraction.
