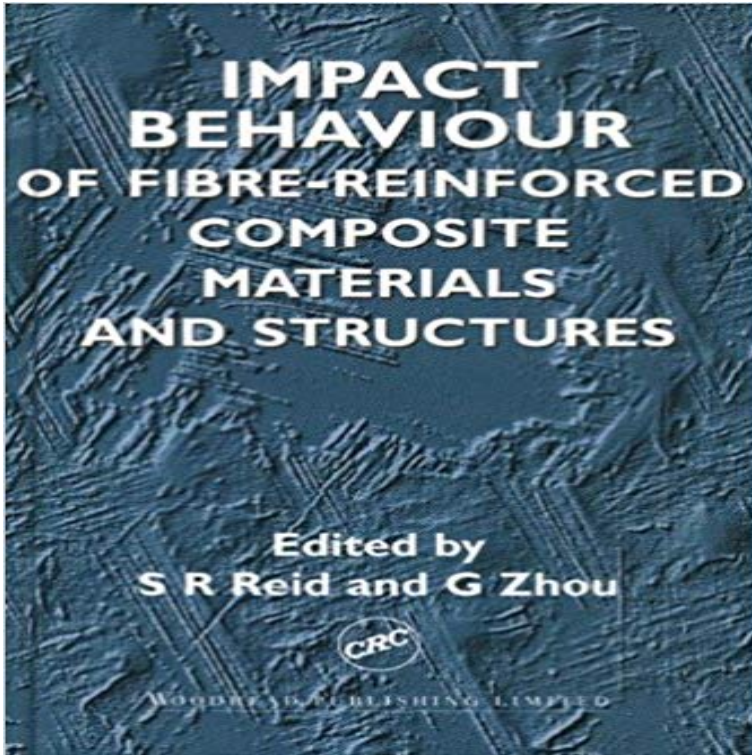


Impact Behaviour of Fibre-reinforced Composite Materials and Structures



Much of the early, pioneering work on the properties of composites under impact is still conceptually relevant, yet the results of many such analyses are outdated. The accuracy of these results depend specifically on the materials used (fibre, resin), interface, and method of fabrication. Development of new materials, cost effective design, and analysis and prediction of structural behaviour have all established a need for timely, wide ranging research on impact behaviour. Impact Behaviour of Fibre-Reinforced Composite Materials and Structures brings together - for the first time - state-of-the-art research from the most recent works of leading, international experts. An important new study, this book extensively investigates impact response, damage tolerance, and failure of fibre-reinforced composite materials and structure, from a number of expert viewpoints. This book explores the nature of modern polymer composites based on glass, carbon, aramid, ceramic and polymer fibres in a polymer matrix, and details various ways of analysing the impact process. Impact Behaviour of Fibre-Reinforced Composite Materials and Structures will prove itself a valuable tool for research and development engineers, structural engineers, materials scientists, designers, and students and researchers of related disciplines.

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It is your social worker or young personal advisor's job to make sure you are registered with a doctor (also called GP) and a dentist. It is important not to leave registering with a GP until you need medical help. Keep the contact details for your doctor and out of hours contact number safe. DENTIST [...]

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EDUCATION

SCHOOL You should already have a designated person in school who is there to help and support you. This could be a teacher or another person in the school. They are responsible for writing your Personal Educational Plan (PEP) and making sure everything happens. Your educational plan should help you to do the best [...]

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SOCIAL SERVICES AND PATHWAY PLAN

While you have been looked after you will have known some people whose job it is to help and support you. All young people in care have a social worker. It is a good idea to keep their details readily available just in case you need to contact them. You may also want to note the [...]

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A right is a something that you can expect to receive. You don't have to earn it or win it. The rights and entitlements listed below are things that the government has committed to provide for you as a care leaver. This might be because there is an Act of Parliament or because they have [...]

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