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Sommario/riassunto	"The primary focus of this unique book is fiber orientation: how to describe it mathematically, how to measure it experimentally, and how to predict it using the models used in commercial software. It also covers the description, measurement, and modeling of fiber length, another important variable that can be predicted by commercial software. The connection between fiber orientation and mechanical properties is explained, as is the relationship between fiber orientation and rheological properties in the fluid state. Fundamentals of Fiber Orientation focuses on the models used in current engineering practice, but also discusses a few topics from current research that could transition to engineering practice soon."--