

1 General Data Related to Wood	1
Peter Niemz and Dick Sandberg	
2 Physical and Mechanical Properties of Solid Wood	19
Galina Gorbachewa, Andrade Egas, Raquel Gonçalves, Jiali Jiang, Peter Niemz, Róbert Németh, Robert J. Ross, Dick Sandberg and Christopher Adam Senalik	
3 Properties of Modified Wood	101
Dick Sandberg and Andreja Kutnar	
4 Characteristic Values of Wood-Based Panels	125
Steffen Tobisch	
5 Selected Material Parameters	149
Peter Niemz, Dick Sandberg and Rico Emmmler	
6 Selected Important Process Parameters	179
Peter Niemz, Dirk Grunwald, Sabine Heinemann and Dick Sandberg	
7 Books in the field of wood science and technology	215
Peter Niemz, Alfred Teischinger and Dick Sandberg	
8 Standards and Certification	239
Johannes Welling, Galina Gorbacheva, Jiali Jiang, Robert J. Ross and Christopher Adam Senalik	
Appendix	257