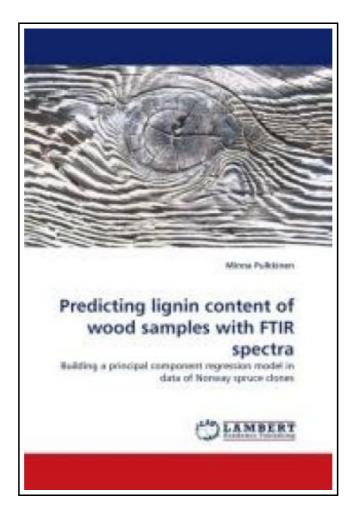
Predicting lignin content of wood samples with FTIR spectra



Filesize: 1.09 MB

Reviews

This publication is wonderful. I could comprehended every thing out of this published e publication. You can expect to like the way the blogger write this publication. (Eliseo Rippin)

PREDICTING LIGNIN CONTENT OF WOOD SAMPLES WITH FTIR SPECTRA

C DOWNLOAD PDF

To get **Predicting lignin content of wood samples with FTIR spectra** eBook, please refer to the button listed below and download the file or gain access to other information which might be related to PREDICTING LIGNIN CONTENT OF WOOD SAMPLES WITH FTIR SPECTRA book.

LAP Lambert Acad. Publ. Jan 2010, 2010. Taschenbuch. Book Condition: Neu. 220x150x4 mm. This item is printed on demand - Print on Demand Neuware - Conifer cell wall contains 15 35 % lignin. For wood processing industry, varying lignin content in raw material causes problems, as it makes it more difficult to assure a uniform quality of end products. Yet variation in lignin content in trees has been studied only little, mainly because the traditional laboratory methods for lignin content determination are very laborious and thus too costly for large sets of samples. In this work, we present a way of constructing a rapid and reproducible method for lignin content determination: we build a principal component regression (PCR) model with which lignin content in wood samples can be predicted from the Fourier-transformed infrared (FTIR) spectra measured on the samples. We strive to present the statistical theory needed in model construction (estimation, selection, testing) and lignin content prediction in an explicit and precise way. Hence, the work should be useful to wood scientists and statisticians with similar modelling endeavours. 60 pp. Englisch.

Read Predicting lignin content of wood samples with FTIR spectra Online
Download PDF Predicting lignin content of wood samples with FTIR spectra

See Also

[PDF] Psychologisches Testverfahren

Follow the web link under to download and read "Psychologisches Testverfahren" PDF file. Save PDF »

_	
_	

[PDF] Programming in D

Follow the web link under to download and read "Programming in D" PDF file. Save PDF »

	_		-	
		_		
	_		-	

[PDF] Yearbook Volume 15

Follow the web link under to download and read "Yearbook Volume 15" PDF file. Save PDF »

=	

[PDF] Kindle Fire Tips And Tricks How To Unlock The True Power Inside Your Kindle Fire

Follow the web link under to download and read "Kindle Fire Tips And Tricks How To Unlock The True Power Inside Your Kindle Fire" PDF file.

29	v	e I	/ F	2

[PDF] Studyguide for Introduction to Early Childhood Education: Preschool Through Primary Grades by Jo Ann Brewer ISBN: 9780205491452

Follow the web link under to download and read "Studyguide for Introduction to Early Childhood Education: Preschool Through Primary Grades by Jo Ann Brewer ISBN: 9780205491452" PDF file.

Save PDF »

_	
_	

[PDF] Memoirs of Robert Cary, Earl of Monmouth

Follow the web link under to download and read "Memoirs of Robert Cary, Earl of Monmouth" PDF file.

Save PDF »