Predicting outdoor sound

Taylor & Francis - Prediction of outdoor sound transmission loss with an artificial neural network

Description: -
-
Sound -- Recording and reproducing
Outdoor sounds -- MeasurementPredicting outdoor sound
-Predicting outdoor sound
Notes: Includes bibliographical references and index.
This edition was published in 2007

Filesize: 44.87 MB

Tags: #Some #practical #considerations #for #predicting #outdoor #sound #propagation #in #the #presence #of #wind #and #temperature #gradients

Prediction of outdoor sound transmission loss with an artificial neural network

The roughness length varies, for example, between 0. It also offers a background on useful analytical approximations and the restrictions, as well as difficulties and limitations associated with engineering prediction schemes.

Predicting Outdoor Sound: Attenborough, Keith: 9780419235101: spaceneb.us.to: Books

Chapter 10 contains a more detailed discussion of turbulence. Attention is focused on the development of efficient algorithms for numerical evaluation of the inverse Fourier transform and on considerations of numerical stability.

Predicting Outdoor Sound, Attenborough, Keith, Li, Kai Ming, Horoshenkov, Kirill, eBook

Predicting Outdoor Sound provides a scholarly yet practical examination of the phenomena that affect outdoor sound close to the ground and its prediction. The broken curve corresponds to a small Obukhov length as on a calm clear night and is predominantly linear away from the ground. The continuous curve is approximately logarithmic corresponding to a large Obukhov length and to a cloudy, windy night.

Predicting Outdoor Sound, Attenborough, Keith, Li, Kai Ming, Horoshenkov, Kirill, eBook

International in its applications, and written by authors who have been key in many of the recent advances, Predicting Outdoor Sound is a definitive reference for the acoustic engineer. These gradients determine the sound speed profile.

Predicting Outdoor Sound, Attenborough, Keith, Li, Kai Ming, Horoshenkov, Kirill, eBook

.

Related Books

- [New Hampshire folk tales](#)
- [Supervision & management - a guide to modifying work behavior](#)
- [Investigación arqueológica en el Magdalena medio - sitios Colorados y Mayaca](#)
- [Seventh-Day Adventists believe ... a biblical exposition of 27 fundamental doctrines](#)
- [Vorfertigung.](#)