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equation derivation; 1.5.2 Example 1-9. String falling under its own weight
1.5.3 Example 1-10. Semi-infinite string with a general end support1. 5.3.1 Example 1-10a. Rectangular pulse; 1.5.3.2 Example 1-10b. Impulse response; 1.5.3.3 Example 1-10c. Incident sinusoidal wavetrain; 1.6 Fourier Transforms; 1.6.1 Example 1-11. Propagation of an initially static disturbance; 1.6.2 Example 1-12. Directional properties, special wave; 1.7 External Forces Versus Boundary Conditions; 1.7.1 Single point force; 1.7.2 Properties of point loads; 1.7.2.1 Example 1-13. Boundary conditions versus forces; 1.7.2.2 Couples or dipoles; 1.7.2.3 Multiple forces and higher order moments 1.7.2.4 Symmetries and anti-symmetries1.7.2.5 Impulse response; 1.7.2.6 On the subtle meaning of impulse; 1.7.2.7 Example 1-14. Incorrect use of impulse response; 1.7.2.8 Additional models; 1.7.2.9 Other delta function properties; 1.8 Point Force and Dipole Wave Excitation; 1.8.1 Example 1-15. Finite string excited by a time-varying concentrated point force; 1.8.2 Example 1-16. Finite string excited by a time-varying point dipole (i.e., a force couple); 1.8.3 Example 1-17. Splitting of an applied initial disturbance; 1.9 First-Order Partial Differential Equations; 1.10 References
2 Kinematic Wave Theory2.1 Whitham's Theory in Nondissipative Media; 2.1.1 Uniform media; 2.1.2 Example 2-1. Transverse beam vibrations; 2.1.3 Example 2-2. Simple longitudinal oscillations; 2.1.4 Example 2-3. Asymptotic stationary phase expansion; 2.1.5 Simple consequences of KWT; 2.1.6 Nonuniform media; 2.1.7 Example 2-4. Numerical integration; 2.1.8 Ease of use is important to practical engineering; 2.2 Simple Attenuation Modeling; 2.2.1 The Q-model; 2.2.2 Relating Q to amplitude in space; 2.2.3 Relating Q to standing wave decay; 2.2.4 Kinematic wave generalization
2.3 KWT in Homogeneous Dissipative Media

Sommario/riassunto

Wave propagation is central to all areas of petroleum engineering, e.g., drilling vibrations, MWD mud pulse telemetry, swab-surge, geophysical ray tracing, ocean and current interactions, electromagnetic wave and sonic applications in the borehole, but rarely treated rigorously or described in truly scientific terms, even for a single discipline. Wilson Chin, an MIT and Caltech educated scientist who has consulted internationally, provides an integrated, comprehensive, yet readable exposition covering all of the cited topics, offering insights, algorithms and validated methods never before pu