

FIGURE 2.1

Sophisticated road model.

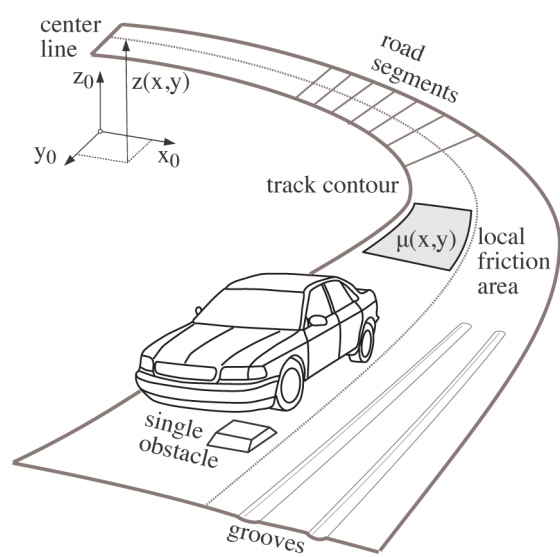


FIGURE 2.2

Parallel track road model.

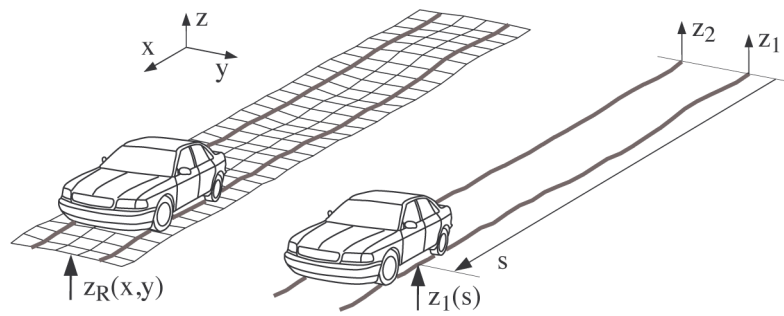


FIGURE 2.3

Rectangular cleat and cosine-shaped bump.

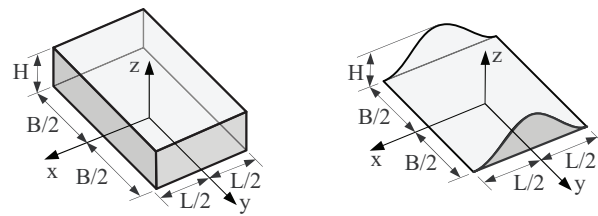


FIGURE 2.4

Road profile and statistical properties.

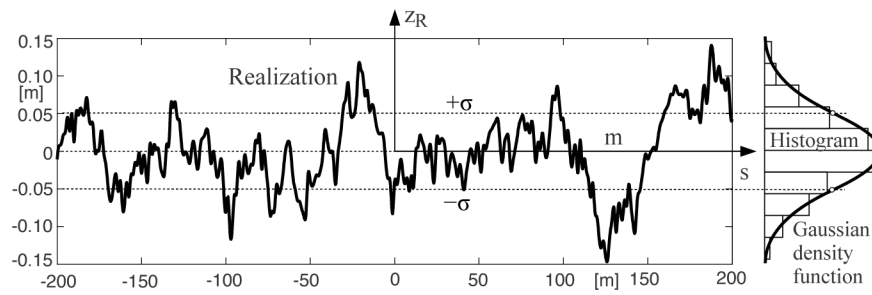


FIGURE 2.5

Power spectral density in a finite interval.

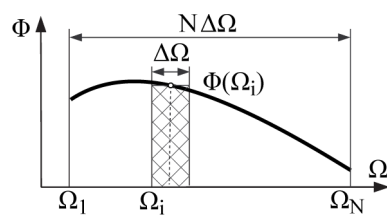


FIGURE 2.6

Road power spectral densities: (a) Measurements [3], (b) classification.

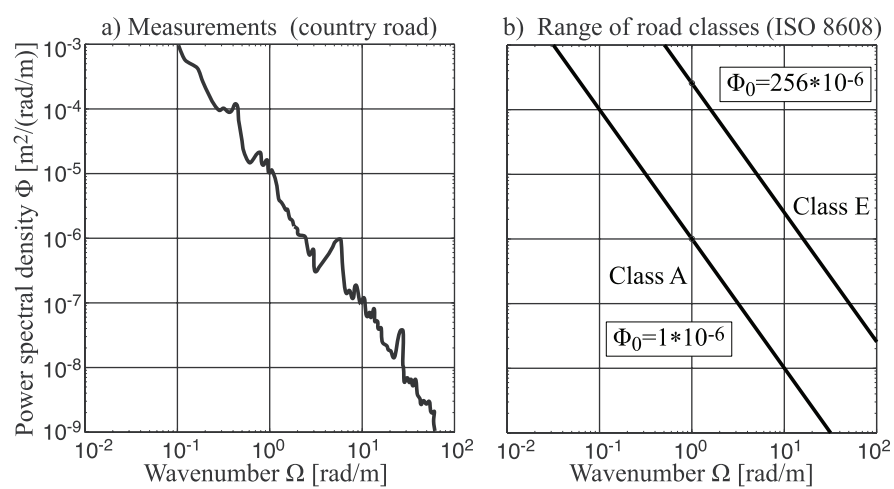


FIGURE 2.7

Realization of a country road.

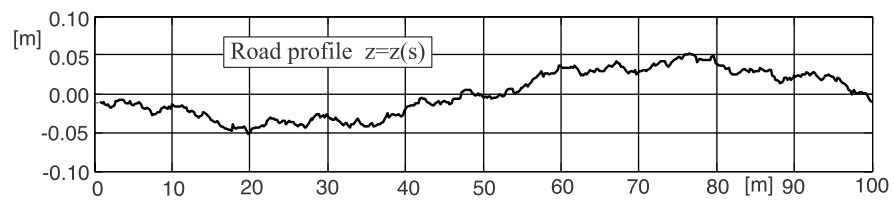


FIGURE 2.8

Simulation results with a pseudo-random excitation.

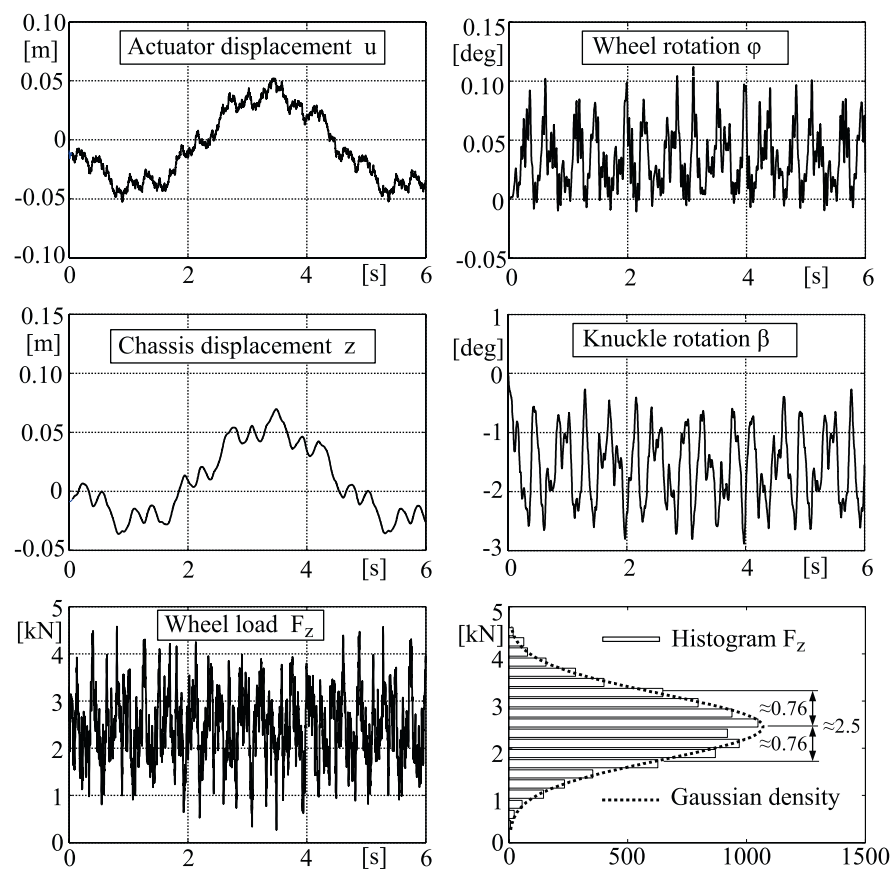


FIGURE 2.9

Shaping filter as approximation to measured psd.

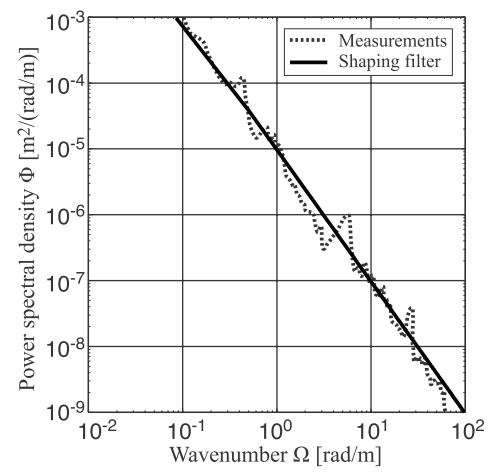


FIGURE 2.10

Two-dimensional road profile.

