Fig. 3.1 Rate of change of the unit tangent vector **t** following the motion.
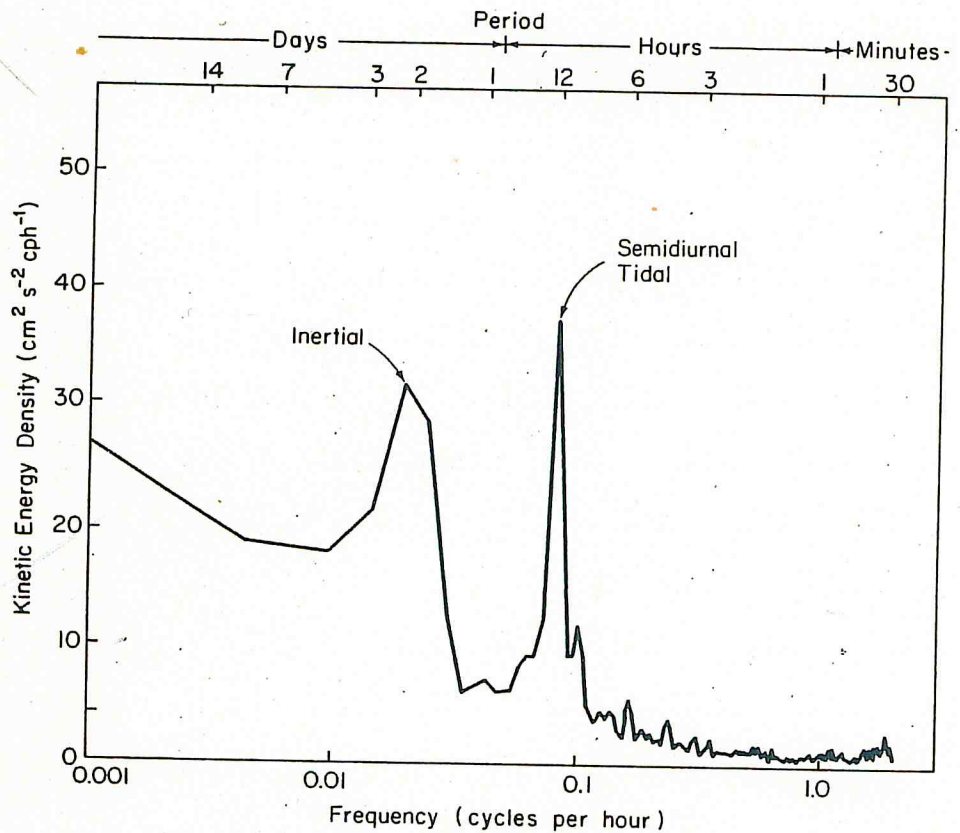

Fig. 3.3 Power spectrum of kinetic energy at 30-m depth in the ocean near Barbados (13°N). Ordinate shows kinetic energy density per unit frequency interval (cph^{-1} designates cycles per hour). This type of plot indicates the manner in which the total kinetic energy is partitioned among oscillations of different periods. Note the strong peak at 53 h, which is the period of an inertial oscillation at 13° latitude. [After Warsh et al., (1971.) Reproduced with permission of the American Meteorological Society.]