

10.9 Bibliographic Notes for Chapter 10

The developments of Secs.10.1 to 10.4 are based on the work of [245].

The problem of the asymptotic light field in natural hydrosols was first clearly recognized by Whitney (re: [315] and [316]). The mathematical formulations and solutions of the problem as in Secs. 10.5, 10.6, and 10.7 are based on the researches in [224], [225], [244], and [226], respectively. Important references to the asymptotic radiance hypothesis in the hydrologic optics context may be found in [107], [108], and [209]. References to the asymptotic radiance hypothesis in the astrophysical context may be found in [431 and [147]; references to the neutron diffusion setting are made in [62]. Section 10.8 is based in the main on [230].

Experimental data in [298] exhibit clearly the asymptotic property of radiance fields in a real optical medium and were instrumental in the empirical establishment of the hypothesis.