5 DATA TABLES 23

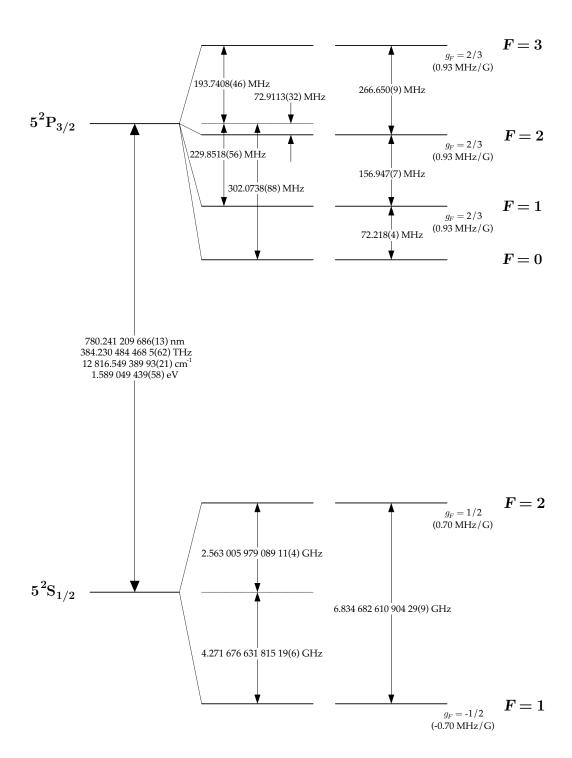


Figure 2: 87 Rb D_2 transition hyperfine structure, with frequency splittings between the hyperfine energy levels. The excited-state values are taken from [6], and the ground-state values are from [16]. The approximate Landé g_F -factors for each level are also given, with the corresponding Zeeman splittings between adjacent magnetic sublevels.