

Corrections

Among quite a lot mistakes in the book “Harmonic Analysis and Approximation on the Unit Sphere” (by Wang Kunyang and Li Luoqing, Science Press, 2000, Beijing) important one is a lost of a constant in the inequality on page 119 line 5 from bottom. The correct inequality is

$$\|S_*(f)\|_1 \leq B_n \int_{\Omega_n} |f(\xi)|(1 + \log_+^r |f(\xi)|) d\xi + C_n.$$

The same mistake appears in the inequality on page 120 line 2, the correction is

$$\|E_*^\lambda(f)\|_1 \leq B_n \left(\int_{\Omega_n} |f(\xi)|(1 + \log_+^r |f(\xi)|) d\xi \right) + C_n.$$