

Corrections to second printing (6/20/02) “Introduction to Fourier Analysis  
and Wavelets” 1/24/09 by Mark A. Pinsky

- p. 53, bottom of page: Use lower case  $s$  when writing  $A_r(S)$
- p. 82, line 9–: change  $O(\frac{1}{n^{3/2}})$  to  $O(\frac{1}{n})$
- p. 83, line 7–: change  $O(\frac{1}{n^{3/2}})$  to  $O(\frac{1}{n})$
- p. 100, line 9: delete 2, thus  $(-x/t^2)K'(x/t)$  is a...
- p. 159, line 8–: bring  $z$  down to subscript to level, thus  $J_{(n-2)/2+z}(2\pi|\xi|)$
- p. 172, lemma 3.2.11: Suppose that  $F$  is a *bounded* analytic...
- p. 203, line 2: change  $k_t f$  to  $k_t * f$ .
- p. 206, line 1–:  $|f(x)|^p$
- p. 207, line 2–: absolute value over last appearance of  $c$ , thus  $\dots \leq |c||f_1|$
- p. 261, line 4; Inside the integral we need  $\int_A e^{-x^2/2\sigma^2} dx$  (insert factor of 2)
- p. 313, line 9: the integration takes place over the region  $|\xi| \leq \frac{1}{4}$  instead of  $\frac{1}{4} \leq |\xi| \leq \frac{1}{2}$
- p. 317 line 9–: change  $\in$  to  $\subseteq$
- p. 320, line 7: then  $\{2^{j/2}\Psi(2^j t - k)\}$  is an orthonormal....
- p. 327, line 3: sum in the exponent should read  $\sum_{j=1}^N 2^{-j} r_j$
- p. 345, line 10–: change  $j \rightarrow \infty$  to  $j \rightarrow -\infty$