

Errata to:
J.R. Fienup,
"Improved Synthesis and Computational Methods for Computer-Generated Holograms,"
Ph.D. Thesis, Stanford University, May 1975.

August 17, 2012

p. 8, line 9 from bottom:

Substituting $|F(u,v)|^2$ for the term A ... with the autocorrelation of $f(x,y)$, which ...
==> Substituting $2|F(u,v)|$ for the term A ... with the Fourier transform of $2|f(x,y)|$, which ...

p. 44, top of Fig. 2.8: the lower R curve should be a solid line in 3.5 to 4.0 range

p. 48: Note that $M = (n - 1)W/\lambda$, where n = refractive index

p. 52, Fig. 2.12 horizontal axis label: M ==> πM

p. 58, Eq. (2-12) and second line following Eq. (2-12): $\log E_{pm}$ ==> $\Delta \log E_{pm}$

p. 67, last line: delete ";"

p. 94, line 6: Fig. 2.10 ==> Fig. 3.10

p. 124, maximum diffraction efficiency of binary detour phase hologram: 10.3 ==> 10.13

p. 127, first line: 5.2 ==> 5.1

p. 130, Fig. 5.4: $\{a\} + \{n\} + \{\hat{a}\}$ ==> $\{\hat{a}\} = \{a\} + \{n\}$

p. 138, equation number: (2-25) ==> (5-25)

p. 159, line 2: freauencies ==> frequencies

p. 177, Eq. (B-2): $\text{rect}(x,d)$ ==> $\text{rect}(x/d)$

p. 195, Goodman 1968 ref: (1968) ==> 1968)

p. 196, Kozma ... Kelly: Noise, Appl. Opt. ==> Noise", Appl. Opt.