The first two integrals represent Bessel functions, and the third is an elementary integral. Thus

$$f(x, y) = \{\tfrac{1}{2}\pi Y_0(y) - \sinh^{-1}z + C(y, yz)\} - i\{\tfrac{1}{2}\pi J_0(y) - S(y, yz)\}.$$

Tables[1] of the integrals C and S have been reviewed in RMT **651** (*MTAC*, v. 3, 1948–49, p. 479–482).

A. E.

[1] HARVARD UNIVERSITY, COMPUTATION LABORATORY, *Annals*, v. 18, 19: *Tables of Generalized Sine- and Cosine-Integral Functions*, Parts I and II, 1949.

CORRIGENDUM

V. 4, p. 29, l. −13, for xx read 11.