There is a typographical error that was made in the paper; there is no change to proof or technique. In the line with Eq. 27, the right-hand side of the inequality should read:

\((-1/4) \Gamma(a + ib) + (-1/4) \Gamma(a-ib) + (1/2) \Gamma(a)\)

\(\Gamma\) is the Gamma function; I was not able to use \LaTeX\ to type this more correctly. I incorrectly wrote \((1/4)\) and not \((-1/4)\). Both the \(\Gamma\) functions in Eq. 27 should have \((-1/4)\) as coefficients.