

DERIVATIVE FORMULAS FOR BESSEL, STRUVE AND ANGER—WEBER FUNCTIONS

ROBERT E. GAUNT

Abstract. We derive formulas for the derivatives of general order for the functions $z^{-\nu}h_{\nu}(z)$ and $z^{\nu}h_{\nu}(z)$, where $h_{\nu}(z)$ is a Bessel, Struve or Anger–Weber function.

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