SphericalHankelH1

Notations

Traditional name

Hankel spherical function of the first kind

Traditional notation

$$h_\nu^{(1)}(z)$$

Mathematica StandardForm notation

SphericalHankelH1[ν, z]

Primary definition

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$$h_\nu^{(1)}(z) = \sqrt{\frac{\pi}{2}} \; \frac{1}{\sqrt{z}} \; H_{\nu+\frac{1}{2}}^{(1)}(z)$$

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