# Special Functions in Physics Toolbox: Release History and Bug-Fixes

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## Rel. 1.2.1

First published version

## Rel. 1.3

Available for download since 25-May-2021
**Bug-Fix**
Evaluation of the associate Legendre function of first kind via `[obj, res] = PQnumufun(nu, mu, x)`. For

- $-1 < x < 1$ and $x \neq 0$
- *mu* > 0 and odd integer
- *nu* not larger or equal *mu* and *nu* not integer

a factor `(-1)` was missing. Example: `[obj, res] = PQnumufun(0.4, 3, 0.1)`
was affected by this bug.