

## Glossary-Contents

**Ultraspherical (see also Gegenbauer)**

- AskeyKoorwinderRahman1986, *An integral of products of ultraspherical functions and  $q$ -extensions*, J. Lond. Math. Soc. (2) (1986) 33 (1): 133-148, [nat>](#)

**ultraspherical-type**

- Demni2009, *Ultraspherical type generating functions for orthogonal polynomials*, Probab. Math. Statist. Vol. 29, Fasc. 2 (2009), 281-296, [gen>](#)

**ultraspherical matrices**

- PacharoniZurrian2014, *Matrix ultraspherical polynomials: the  $2 \times 2$  fundamental cases*, arXiv (31 may 2014), [aXv>](#)

**ultraspherical ( $q$ -)polynomials**

- Anshelevich2011, *A characterization of ultraspherical polynomials*, arXiv (3 Aug 2011), [aXv>](#)
- Chatterjea1969, *Bilateral generating function for the ultraspherical polynomials*, Pacific J. Math. Vol. 29, No. 1 (1969), 73-76, [nat>](#)
- GrozaKachuryk2006, *On orthogonality relations for dual discrete  $q$ -ultraspherical polynomials*, SIGMA Symmetry Integrability Geom. Methods Appl. Vol. 2 (2006), Paper 034, 8 p, [gen>](#)
- Koelink1995, *Identities for  $q$ -ultraspherical polynomials and Jacobi functions*, Proc. Amer. Math. Soc. 123 (1995), 2479-2487, [nat>](#)
- Koorwinder1990, *Jacobi functions as limit cases of  $q$ -ultraspherical polynomials*, J. Math. Anal. and Appl. Vol. 148, Issue 1 (May 1990) 44-54, [jou>](#)

**identities, inequalities**

- Koelink1995, *Identities for  $q$ -ultraspherical polynomials and Jacobi functions*, Proc. Amer. Math. Soc. 123 (1995), 2479-2487, [nat>](#)

**Jacobi ( see also elliptic)**

- Koelink1995, *Identities for  $q$ -ultraspherical polynomials and Jacobi functions*, Proc. Amer. Math. Soc. 123 (1995), 2479-2487, [nat>](#)
- Koorwinder1990, *Jacobi functions as limit cases of  $q$ -ultraspherical polynomials*, J. Math. Anal. and Appl. Vol. 148, Issue 1 (May 1990) 44-54, [jou>](#)