



A Unified Generating Function of the q -Genocchi Polynomials with their Interpolation Functions

Serkan Araci, Mehmet Açıkgöz, Hassan Jolany, Jong Jin Seo

(Submitted on 29 Jul 2011)

The purpose of this paper is to construct of the unification q -extension Genocchi polynomials. We give some interesting relations of this type of polynomials. Finally, we derive the q -extensions of Hurwitz-zeta type functions from the Mellin transformation of this generating function which interpolates the unification of q -extension of Genocchi polynomials.

Subjects: **Number Theory (math.NT)**
 MSC classes: 05A10, 11B65, 28B99, 11B68, 11B73
 Journal reference: Proc. Jangjeon Math. Soc, 2012, vol. 15, no. 2
 Cite as: **arXiv:1107.5950 [math.NT]**
 (or **arXiv:1107.5950v1 [math.NT]** for this version)

Submission history

From: Hassan Jolany [[view email](#)]
[v1] Fri, 29 Jul 2011 12:31:00 GMT (136kb)

[Which authors of this paper are endorsers?](#)

Link back to: [arXiv](#), [form interface](#), [contact](#).

Download:

- [PDF](#)
- [PostScript](#)
- [Other formats](#)

Current browse context:

math.NT

[< prev](#) | [next >](#)

[new](#) | [recent](#) | [1107](#)

Change to browse by:

[math](#)

References & Citations

- [NASA ADS](#)

Bookmark([what is this?](#))

