4. Catherine Putz, China's Silk Road Belt Outpaces Russia's Economic Union, The Diplomat, March 10, 2016.

5. Michael Clarke, "One Belt, One Road" and China's emerging Afghanistan dilemma, Australian Journal of International Affairs, Vol. 70, No 5, 2016. Squared user some a become residential attack that the country of

Author aredentials this emergency through the land MA Bin, Doctor, Assistant Researcher, China, Shanghai, Fudan University E-mail: mabin@fudan.edu.cn

ander the Barran and arises industries sometimes of the errequence from

UDC 519.245:678.7 Menken H., Çolakoğlu Havare Ö. A NOTE ON THE p-ADIC GAMMA FUNCTION AND q-CHANGHEE POLYNOMIALS de de de la contra del contra de la contra del la contra de la contra del la contra del la contra de la contra de la contra del la contra del la contra de la contra del la con

In the paper, we obtain fermionic Volkenborn integral of p-adic gamma function and give some results.

Key wordsp-adic number, p-adic gamma function, the fermionic padic q-integral, Mahler coefficients, p-adic Euler constant, q-Changhee Polynomials.

In the present work, we consider the fermionic p-adic q-integral of padic gamma function and of derivative of p-adic gamma function by using their Mahler expansion. Relationship between the p-adic gamma function and q-Changhee numbers is obtained. It is given a new representative for the p-adic Euler constant. Also, we study relationship between q-Changhee polynomials and p-adic Euler constant using the fermionic p-adic qintegral techniques the idea that the q-Changhee polynomials. References

- 1. Diamond J., The p-adic log gamma function and p-adic Euler constant, Trans. Amer. Math. Soc. 233 (1977), 321-337.
- 2. Kim T., q-Volkenborn integration, Russian Journal of Mathematical Physics, vol. 9, no. 3, pp. 288-299, 2002.
- 3. Kim T., T. Mansour, S. H. Rim, J. J. Seo, A Note on q-Changhee Polynomials and Numbers, Adv. Studies Theo. Phys, 8, 1, (2014), 35-41.
- 4. Morita Y., A p-adic analogue of the gamma function, J. Fac. Science Univ., 22 (1975), 225-266.