

論文リスト

任 鑫

一、学術論文(査読付き)：

1. Ren Xin: On radiuses of convergence of q -metallic numbers and related q -rational numbers, Res. Number Theory 8 (2022), no. 3, Paper No. 37, 14 pp.
<https://doi.org/10.1007/s40993-022-00336-7>
2. **Ren Xin**, Yanagawa Kohji: Gröbner bases of radical Li-Li type ideals associated with partitions, SIAM J. Discrete Math (SIDMA) Vol. 37 (2023), No. 4, pp 2382-2396. <https://doi.org/10.1137/23M1547627>
3. Kogiso Takeyoshi, Miyamoto Kengo, **Ren Xin**, Wakui Michihisa, Yanagawa, Kohji: Arithmetic on q -deformed rational numbers, arXiv:2403.08446, 2024,33pp.
(『Arnold Mathematical Journal』に掲載決定)

二、学術論文 (査読なし)：

4. Ren Xin: On q -deformed Farey sum and a homological interpretation of q -deformed real quadratic irrational numbers, arXiv: 2210.06056, 2022, 34pp.
5. **Ren Xin**, Yanagawa Kohji: Transposes in the q -deformed modular group and their applications to q -deformed rational numbers, arXiv: 2502.02974, 19pp.

三、プロシーディングス(査読なし)：

6. Ren Xin: The left and right q -deformed rational numbers and the 2-Calabi-Yau category of A_2 quiver, 2022年度表現論シンポジウム報告集, 2023,29 pp 125-138. https://doi.org/10.34508/repsympo.2022.0_125