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Takayuki Nozaki* (tnozaki@yamaguchi-u.ac.jp), 1677-1, Yoshida, Yamaguchi, Yamaguchi
753-0056, Japan. *Weight Enumerators and Cardinalities for Non-binary VT Codes.*

Non-binary VT codes are number-theoretic codes which correct a single insertion or deletion. In this talk, we provide the Hamming weight enumerators and cardinalities of the non-binary VT codes. To derive those, we define the simultaneous congruences (SC) code, which is a general class of number-theoretic codes, and derive a formula for the extended weight enumerator of SC codes. (Received September 12, 2019)