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**Polynomial Functions on Finite Galois Rings**

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**Abstract** In this paper, the polynomial functions on  $R$  are determined, and some special polynomial functions such as those which factor through the natural map:  $R \rightarrow R/(p)$  and those which take the values in any given sub-Galois ring of  $R$  including  $Z/(p^e)$  are determined separately.

**Keywords** Galois ring, sub-Galois ring, polynomial function on Galois ring