

## Waring's problem with restrictions on $q$ -digital functions

By KARAM ALOUI (Tunis) and WALID WANNES (Sohar)

**Abstract.** The present paper is devoted to generalize earlier works of Thuswaldner–Tichy, Pfeiffer–Thuswaldner and Wagner on Waring's problem with digital constraints to systems of restrictions on  $q$ -digital functions. The result follows from estimates of corresponding exponential sums.

KARAM ALOUI  
UNIVERSITÉ DE TUNIS EL MANAR  
INSTITUT SUPÉRIEUR DES  
TECHNOLOGIES MÉDICALES DE TUNIS  
9 RUE ZOUHAIR ESSAFI  
1006 TUNIS  
TUNISIA

AND  
UNIVERSITÉ DE SFAX  
LABORATOIRE D'ALGÈBRE,  
GÉOMÉTRIE ET THÉORIE SPECTRALE  
ROUTE DE LA SOUKRA, KM 3.5  
3000 SFAX  
TUNISIA

WALID WANNES  
MATHEMATICS EDUCATION SECTION  
FACULTY OF EDUCATION AND ARTS  
SOHAR UNIVERSITY  
P. O. BOX: 44  
POSTAL CODE: 311 SOHAR  
SULTANATE OF OMAN

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