



**EXTENDED AND NEW FAMILIES OF TWO-WEIGHT
PROJECTIVE CYCLIC CODES**

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Abstract

In our preceding work, we found some new families of two-weight projective cyclic codes, constructed as direct sum (in vector space) of two one-weight irreducible cyclic codes. Here, we improve this work and present another new family of such codes.

Keywords and phrases: two-weight codes, projective cyclic codes, one-weight codes, direct sum of codes referred to vector space.

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