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## SOME NEW IDENTITIES FOR A CONTINUED FRACTION OF ORDER 12

M. S. MAHADEVA NAIKA, S. CHANDANKUMAR AND K. SUSHAN BAIRY

ABSTRACT. In this paper, we establish some new modular equations of degree three. We establish some new relations for continued fraction of order 12 and also for a parameter  $\mu(q) = 2V(q)V(q^2)$  connecting Ramanujan's cubic continued fraction.

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