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Mohan V G K Rudravarapu* (mohanrudravarapu@gmail.com), Flat No-408, MVV ESTATES, CHINA WALTAIR, NEAR KOTAK SCHOOL, VISAKHAPATNAM, India, and **Pankaj Srivastava** (pankajs23@redimail.com), Prof Pankaj Srivastava, Department of Mathematics, MNNIT, UP, INDIA, ALLAHABAD, India. *Some q -Continued fractions and their connections with Lambert series and mock theta functions.*

Mock theta function is last gift to Mathematical world by S.Ramanujan, that he quoted in his last letter to G.H. Hardy on January 12,1920. Lambert series is a well known series used by Ramanujan to prove many of his identities. Following Ramanujan, many mathematicians like George Andrews and B. C. Berndt also used these series to prove many of Ramanujan identities. In the present work, by making use of Andrews and Hickerson identities, we have established certain new q -continued fractions for the ratio of Lambert series and also for the ratio of combination of mock theta function of order six.

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