# ON SOME COLOR PARTITION IDENTITIES OF SCHUR-TYPE OVERPARTITIONS

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**Abstract:** Motivated by the work of Broudy and Lovejoy, who investigated arithmetic properties of an overpartition counting function $S(n)$ that arose in connection with Schur's partition theorem and a universal mock theta function. In this article, we present a few Ramanujan-type color partition identities of $S(n)$. Our proof relies on basic identities of theta-functions.

**Keywords and Phrases:** Overpartitions, Schur-type overpartitions, Color partitions.

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