Congruences for 4-colored Generalized Frobenius Partitions

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Let $c\phi_k(n)$ denote the number of generalized Frobenius partitions of n with k colors, which was introduced by George E. Andrews in his 1984 Memoir. In this talk, we will firstly present some known results about the congruence properties of $c\phi_k(n)$ with small number k. Then, we will introduce our recent work on the congruence properties of $c\phi_4(n)$.