

ABSTRACT. In this note the distribution of the approximation coefficients Θ_n , associated with the regular continued fraction expansion of numbers $x \in [0, 1)$, is given under extra conditions on the numerators and denominators of the convergents p_n/q_n . Similar results are also obtained for S -expansions. Further, a Gauss-Kusmin type theorem is derived for the regular continued fraction expansion under these extra conditions.