

## Classes with negative coefficients and starlike with respect to other points II

### Abstract

A class  $S_s^*T(\alpha, \beta, \sigma, k)$  of functions  $f$  which are analytic and univalent in the open unit disk  $D = \{z : |z| < 1\}$  given by  $f(z) = z - \sum_{n=2}^{\infty} a_n z^n$  and satisfying the condition  $|zf'(z)/f(z) - f(-z) - k| < \beta | \alpha zf'(z)/f(z) - f(-z) - (2\sigma - k) |$  for  $0 \leq \alpha \leq 1$ ,  $0 < \beta \leq 1$ ,  $0 \leq \sigma \leq 1/2$ ,  $0 < k \leq 1$ ,  $z \in D$ , is introduced and studied. An analogous class  $S_c^*T(\alpha, \beta, \sigma, k)$  and  $S_{sc}^*T(\alpha, \beta, \sigma, k)$  are also examined