Coefficient bounds and Fekete-Szegő problem for some classes of analytic functions defined by using a fractional operator

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In this paper are obtained coefficient bounds and Fekete-Szegő inequalities for the classes $\mathcal{S}_\lambda^{\nu,n}(\eta,[\phi]), \mathcal{C}_\lambda^{\nu,n}(\eta,[\phi],[\psi])$ and $\mathcal{R}_\lambda^{\nu,n}(\eta,\gamma,[\phi],[\psi])$ of analytic functions introduced in [11], defined by using $\mathbb{D}_\lambda^{\nu,n}$ fractional operator introduced in [10], where $-\infty < \lambda < 2, \nu > -1, n \in \mathbb{N}_0$. Are also derived certain corollaries of the main results.

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