

Dimkov, Georgi M.; Starkov, Viktor V.

On a generalized closed-to-convex function. (Russian) Zbl 0829.30012

PLISKA, Stud. Math. Bulg. 10, 62-76 (1989).

Summary: We determine a family of functions that are regular in the unit disk by means of an integral representation. For this family we construct variational formulas and use them to solve some extremal problems.

MSC:

[30C70](#) Extremal problems for conformal and quasiconformal mappings, variational methods

[30C45](#) Special classes of univalent and multivalent functions of one complex variable (starlike, convex, bounded rotation, etc.)