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**The barrier attribute of filled functions.** (English) Zbl 1043.90070  
Appl. Math. Comput. 149, No. 3, 641-649 (2004).

Summary: A number of filled functions was proposed recently. This paper presents a new perspective of the filled functions: their barrier attribute. More filled functions can be constructed according to this new interpretation. Two of them are with finite barriers while the remains are with infinite barriers.

**MSC:**

90C26 Nonconvex programming, global optimization  
90C51 Interior-point methods

Cited in 4 Documents

**Keywords:**

Barrier function method; Filled function method; Global optimization; Minimization; Nonlinear programming

**Software:**

Global Optimization Toolbox For Maple

**Full Text:** [DOI](#)

**References:**

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