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Invariant fundamental solutions for invariant differential operators on reductive symmetric spaces of type $G_{\mathbb{C}}/G_{\mathbb{R}}$. (Solutions élémentaires invariantes pour les opérateurs différentiels invariants sur les espaces symétriques réductifs de type $G_{\mathbb{C}}/G_{\mathbb{R}}$.) (French) [Zbl 0911.22007](#)
C. R. Acad. Sci., Paris, Sér. I, Math. 327, No. 2, 123-126 (1998).

Summary: Let G be a complex connected reductive group with simply connected derived group. Let H be a real form of G . Let z be a G -invariant differential operator on the reductive symmetric space G/H . We give an explicit sufficient condition for z to have an invariant fundamental solution on G/H .

MSC:

[22E30](#) Analysis on real and complex Lie groups
[43A85](#) Harmonic analysis on homogeneous spaces

Cited in **1** Document

Keywords:

[complex connected reductive group](#); [differential operator](#); [symmetric space](#)

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