

ANNALES DE L'I. H. P., SECTION A

SIGURDUR HELGASON

Remarque sur « R. G. McLenaghan : on the validity of Huygens principle for second order partial differential equations with four independent variables. I »

Annales de l'I. H. P., section A, tome 21, n° 4 (1974), p. 347

http://www.numdam.org/item?id=AIHPA_1974__21_4_347_0

© Gauthier-Villars, 1974, tous droits réservés.

L'accès aux archives de la revue « Annales de l'I. H. P., section A » implique l'accord avec les conditions générales d'utilisation (<http://www.numdam.org/conditions>). Toute utilisation commerciale ou impression systématique est constitutive d'une infraction pénale. Toute copie ou impression de ce fichier doit contenir la présente mention de copyright.

NUMDAM

Article numérisé dans le cadre du programme
Numérisation de documents anciens mathématiques

<http://www.numdam.org/>

Remarque sur R. G. MCLLENAGHAN: On the validity of Huygens principle for second order partial differential equations with four independent variables I (T. XX, n° 3, 1974, p. 153-188).

by **Sigurdur HELGASON**

Institute for advanced Study. Princeton, NJ 08540, USA

The quoted article appears in this journal Vol. XX, 1974, 153-188. I think the last sentence on p. 185 requires correction. After showing that some of P. Günther's counterexamples to the « Hadamard Conjecture » are symmetric the author states on the bottom of p. 185:

« This shows that Hadamard's conjecture is not true for the equation (7.9) on a symmetric space. Thus the conclusion of Helgason [16], p. 68 is false. »

According to a communication from the author the conclusion to which he is referring is the following sentence in my paper [16], p. 68:

« If M is symmetric the evidence available seems to indicate that « Hadamard's conjecture » might hold for the pure equation $\square u = 0$. »

The absence of any conclusion here is hopefully a sufficient answer to the claim above.

(Manuscrit reçu le 21 janvier 1975)
