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

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Ann. Inst. Henri Poincaré,
Vol. XXI, n° 4, 1974, p. 347.

Section A :
Physique théorique.

Remarque sur R. G. MCLENAGHAN: **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).

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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 $\Box u = 0$. »

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

(Manuscrit reçu le 21 janvier 1975)