

ACKNOWLEDGMENT OF PRIORITY

PROOF OF A CONJECTURE OF M. L. EATON ON THE CHARACTERISTIC FUNCTION OF THE WISHART DISTRIBUTION

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The problem considered in this paper has been the subject of intense scrutiny by mathematicians working in the area of harmonic analysis and representation theory. Theorem 1 in our article is due originally to Gindikin (1975). Independent proofs of this result, all different from Gindikin's, were also obtained by Rossi and Vergne (1976), Wallach (1979), Lassalle (1987) and Faraut (1988). In particular, the set of admissible α characterized by Theorem 1 is called the *Wallach set*. Our proof of Gindikin's theorem is close in spirit to the proof given by Faraut (1988).

Theorem 2 and Conjecture 1 in our article also follow from more general results of Shanbhag (1988), Remark 3. Shanbhag's methods are entirely different from ours.

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