NOTE

CORRECTIONS TO

"CONDITIONS FOR WISHARTNESS AND INDEPENDENCE OF SECOND DEGREE POLYNOMIALS IN NORMAL VECTOR"

AND

"FURTHER CONTRIBUTIONS TO WISHARTNESS AND INDEPENDENCE OF SECOND DEGREE POLYNOMIALS IN NORMAL VECTORS"

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In the above two papers (*Ann. Math. Statist.* **33** 1002–1007) (*J. Indian Statist. Assoc.* **1** 61–70) an implicit statement for noncentral Wishart (or pseudo-Wishart) (singular or nonsingular) is taken as $W_p(r, \mathbf{V}, \mathbf{N})$ (in the proofs), where p = order of the Wishart random matrix $\mathbf{Q}$, r = degree of freedom for $\mathbf{Q}$, $\mathbf{N}$ is the noncentral parameter matrix and $\mathbf{V}$ is the scale parameter matrix, are such that the characteristic function of $\mathbf{Q}$ is

$$E \exp(i \operatorname{tr} \mathbf{TQ}) = |\mathbf{I}_p - 2i\mathbf{TV}|^{-r/2} \exp[i \operatorname{tr} (\mathbf{I}_p - 2i\mathbf{TV})^{-1}\mathbf{TN}]$$

where $i = -1^{\frac{1}{2}}$ and $\mathbf{T}$ is a symmetric matrix. The reader should take the above meaning wherever Wishart distribution is mentioned in the above two papers. I thank Dr. Donald R. Jensen for pointing this out.