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**CORRECTIONS TO  
"SOME RESULTS ON THE DISTRIBUTION OF TWO RANDOM  
MATRICES USED IN CLASSIFICATION PROCEDURES"**

BY D. G. KABE

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Although the main results of the above paper (*Ann. Math. Statist.* **34** (1963) 181–185) are correct, I regret the following mistakes which I now correct. I am grateful to Professor B. K. Shah for calling these errors to my attention.

On page 182, Section 2, Equation (2.1), the determinant  $|D - VV'|$  should be replaced by  $|\Delta'D\Delta - VV'|$ , where  $\Delta$  is a  $p \times p$  orthogonal matrix such that  $\Delta'(\Sigma^{-1}\mu\mu'\Sigma^{-1})\Delta$  is a diagonal matrix. The result (2.1) holds when  $n \geq p + t$ .

On page 182, sixth line from the bottom, instead of  $(B - VV')$  is positive semidefinite read  $(\Delta'D\Delta - VV')$  is positive semidefinite.

On page 184, Equation (3.5), the determinant  $|M - ZZ'|$  should be replaced by  $|\Omega'M\Omega - ZZ'|$ , where  $\Omega$  is a  $2 \times 2$  orthogonal matrix such that  $\Omega'(\xi'\Sigma^{-1}B\Sigma^{-1}\xi)\Omega$  is a diagonal matrix.

The above mistakes (entirely mine) of omitting an appropriate orthogonal matrix occurred, as for deriving the concerned results I used the transformation given by Anderson in the second paragraph of page 418 (Reference [2] in my paper). In that transformation unfortunately the appropriate orthogonal matrix is omitted. This has been pointed out by Anderson in his correction note above.

I also correct the following mistake: On page 184, Equation (3.12),  $|B|^{(n-p-1)/2}$  should be  $|B|^{(n-p+1)/2}$ .

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**CORRECTION TO  
"COMBINATORIAL RESULTS IN FLUCTUATION"**

BY CHARLES HOBBY AND RONALD PYKE

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In the above titled article (*Ann. Math. Statist.* **34** (1963) 1233–1242), the captions on the four parts of Figure 1, p. 1235, are in error. They should read:

Upper Left: "This path  $(x_1, \dots, x_8)$  is of type (3,1). The smallest increment is  $x_4$ ."

Upper Right: "Shrink  $x_4$  until type changes, namely, until  $s_6 = 0$ ."

Lower Left: "Switch the first 6 steps of the path as shown."

Lower Right: "Continue shrinking, and the path returns to type (3,1)."