ERRATUM : Some characterizations of Pearson's Two-Unequal Step Random Walk

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Abstract. Some corrections are made on our paper entitled (Some characterizations of Pearson's Two-Unequal Step Random Walk), with DOI (http://dx.doi.org/10.16929/as/2020.2263.157), published in Afrika Satistika, Vol 14 (3), pp. 2263-2273. Although they do not change the final results, they can notably affect the readers.

Résumé. Quelques corrections sont apportées sur notre article intitulé (Some characterizations of Pearson's Two-Unequal Step Random Walk), DOI (http://dx.doi.org/10.16929/as/2020.2263.157), publié dans Afrika Satistika, Vol 14 (3), pp. 2263-2273. Bien qu'elles ne changent pas les résultats finaux, ils peuvent notablement gêner les lecteurs.

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1. Corrections

The following corrections are made in Ahsanullah (2020).

$$\sqrt{1 - \left(\frac{a^2 + b^2 - x^2}{2ab} \right)}$$

by

$$\sqrt{1 - \left(\frac{a^2 + b^2 - x^2}{2ab} \right)^2};$$

(2) Replace the formula in page 2264, at line -1 by

$$\sqrt{1 - \left(\frac{a^2 + b^2 - x^2}{2ab} \right)^2}$$

(3) Replace all the occurrences of

$$\sqrt{1 - \left(\frac{1 + \lambda^2 - x^2}{2\lambda} \right)}.$$

by

$$\sqrt{1 - \left(\frac{1 + \lambda^2 - x^2}{2\lambda} \right)^2}.$$

5. In Page 2264, line 4 from bottom, replace (assimulations) by (simplification).

References

M. Ahsanullah (2020). Some characterizations of Pearson's Two-Unequal Step Random Walk.), with *Afrika Satistika*, Vol 14 (3), pp. 2263-2273. DOI : http://dx.doi.org/10.16929/as/2020.2263.157.