Erratum to: A Novel Methodology for Target Classification Based on Dempster-Shafer Theory

Hasan Ihsan Turhan¹, Mubeccel Demirekler¹, and Melih Gunay²

¹ Middle East Technical University, Ankara, Turkey
{hasan.turhan,demirek}@metu.edu.tr

² ASELSAN Inc. Ankara, Turkey
mgunay@aselsan.com.tr

Erratum to:

Chapter “A Novel Methodology for Target Classification Based on Dempster-Shafer Theory” in: F. Cuzzolin (Ed.): Belief Functions: Theory and Applications, LNAI, DOI: 10.1007/978-3-319-11191-9_43

The limits of the integrals in the equations (2-a), (2-c), (2-e), (2-g), (2-i), (2-k), (2-m), which are located in pages 395–397, are corrected as follows:

$$m(\{A\}) = \frac{\int_{x \in S_A} p_A(x)p(x)dx}{\int_{-\infty}^{\infty} [p_A(x)p(x) + p_B(x)p(x) + p_C(x)p(x)]dx} \quad (2a)$$

$$m(\{B\}) = \frac{\int_{x \in S_B} p_B(x)p(x)dx}{\int_{-\infty}^{\infty} [p_A(x)p(x) + p_B(x)p(x) + p_C(x)p(x)]dx} \quad (2c)$$

$$m(\{C\}) = \frac{\int_{x \in S_C} p_C(x)p(x)dx}{\int_{-\infty}^{\infty} [p_A(x)p(x) + p_B(x)p(x) + p_C(x)p(x)]dx} \quad (2e)$$

$$m(\{A, C\}) = \frac{\int_{x \in S_{AC}} p_A(x)p(x)dx + \int_{x \in S_{CA}} p_C(x)p(x)dx}{\int_{-\infty}^{\infty} [p_A(x)p(x) + p_B(x)p(x) + p_C(x)p(x)]dx} \quad (2g)$$

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$$m(\{A, B\}) = \frac{\int_{x \in S_{AB}} p_A(x)p(x)dx + \int_{x \in S_{BA}} p_B(x)p(x)dx}{\int_{-\infty}^{\infty} [p_A(x)p(x) + p_B(x)p(x) + p_C(x)p(x)]dx} \quad (2i)$$

$$m(\{B, C\}) = \frac{\int_{x \in S_{BC}} p_B(x)p(x)dx + \int_{x \in S_{CB}} p_C(x)p(x)dx}{\int_{-\infty}^{\infty} [p_A(x)p(x) + p_B(x)p(x) + p_C(x)p(x)]dx} \quad (2k)$$

$$m(\{A, B, C\}) = \frac{\int_{x \in S_{ABC}} p_A(x)p(x)dx + \int_{x \in S_{BAC}} p_B(x)p(x)dx + \int_{x \in S_{CAB}} p_C(x)p(x)dx}{\int_{-\infty}^{\infty} [p_A(x)p(x) + p_B(x)p(x) + p_C(x)p(x)]dx} \quad (2m)$$