

Geometry-Based SAR Curvilinear Feature Selection for Damage Detection: Errata

Peter T.B. Brett and Raffaella Guida

May 2, 2012

This errata document contains three items of errata related to the paper entitled “Geometry-Based SAR Curvilinear Feature Selection for Damage Detection”, published in the proceedings to the 9th European Conference on Synthetic Aperture Radar (“EUSAR 2012”).

1. On page 2, equation (3) should be:

$$f_T(t|k, m, C_t) = \frac{2 \left(\frac{t}{C_t m^2} \right)^k K_0 \left(2 \sqrt{\frac{t}{C_t m^2}} \right)}{t \Gamma^2(k)}.$$

2. On page 2, the first sentence of the bottom paragraph in the left hand column should read:

In this paper, a prior $A \sim \Gamma(4, 3.1)$ was empirically chosen as a model for medium-size buildings of mean side length 12.4 m.

3. On page 3, the last sentence of the second paragraph should read:

For the purposes of this paper, $p(\mathcal{H}_1)$ was estimated to be ≈ 0.12 .