



Supplementary Materials: UVI Image Segmentation of Auroral Oval: Dual Level Set and Convolutional Neural Network Based Approach

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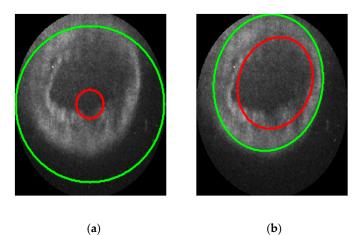


Figure S1. The contour initializations of different methods when segmenting the first UVI image in Section 4.3.1. (a) Initial level set curves (concentric circles) of DFALS. (b) Initial level set curves (LLS-RHT result) of SIIALSM and LIDLSM.

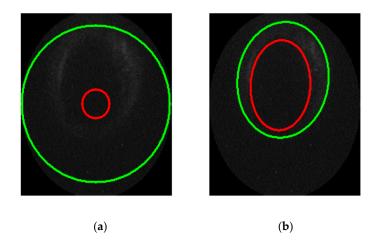


Figure S2. The contour initializations of different methods when segmenting the second UVI image in Section 4.3.1. (a) Initial level set curves (concentric circles) of DFALS. (b) Initial level set curves (LLS-RHT result) of SIIALSM and LIDLSM.

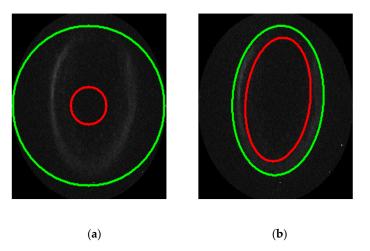


Figure S3. The contour initializations of different methods when segmenting the third UVI image in Section 4.3.1. (a) Initial level set curves (concentric circles) of DFALS. (b) Initial level set curves (LLS-RHT result) of SIIALSM and LIDLSM.