

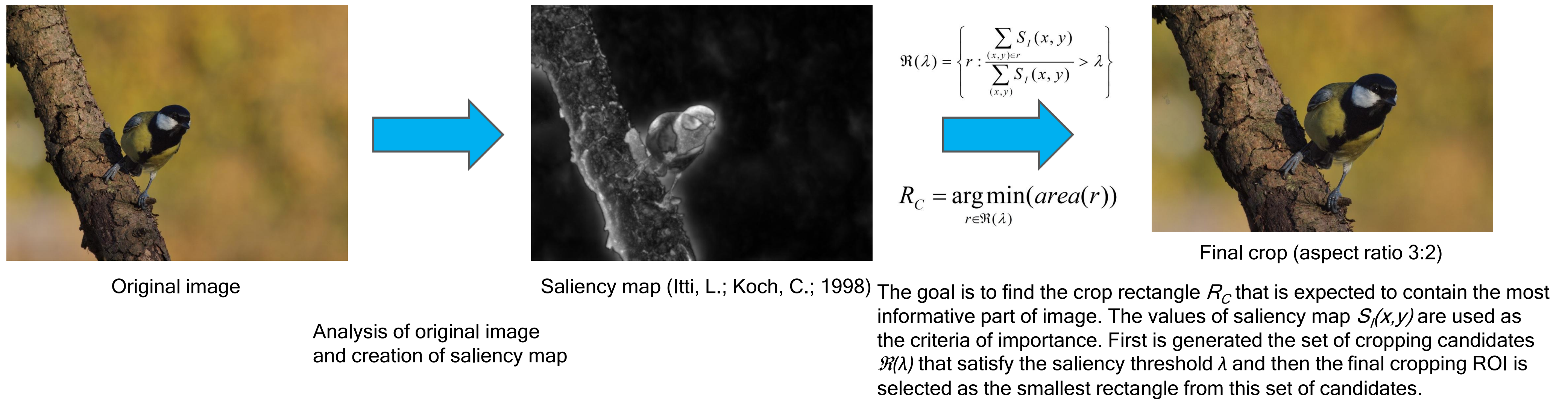
Algorithms for Automatic Image Cropping

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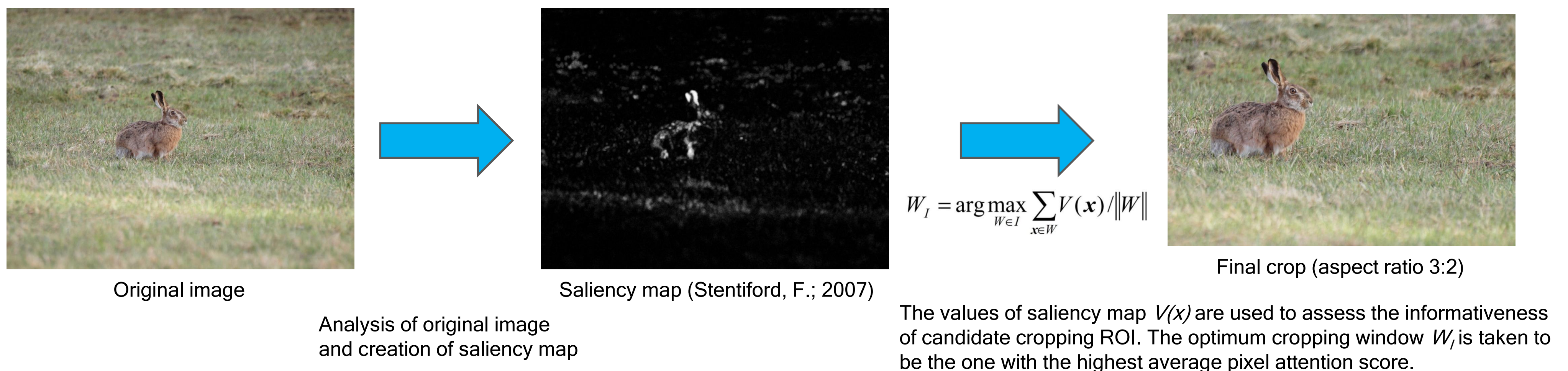


3 existing algorithms of automatic image cropping were chosen and implemented in this work. Several cropping methods with different parameters were created for these algorithms. The algorithms of automatic image cropping could have good usability when cropping a huge number of photos or when displaying thumbnails of original photos on social sites. The implementation was realized with C++ and OpenCV.

Automatic Thumbnail Cropping and its Effectiveness (Suh et al.; 2003)



Attention Based Auto Image Cropping (Stentiford, F.; 2007)



Automatic Image Cropping using Visual Composition, Boundary Simplicity and Content Preservation Models (Fang et al.; 2014)

