

Deep Learning for Computer Vision. Paper Review

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1 Paper

- **Title:** Siamese Cascaded Region Proposal Networks for Real-Time Visual Tracking
- **Authors:** Heng Fan, Haibin Ling
- **Link:** http://openaccess.thecvf.com/content_CVPR2019/papers/Fan_Siamese_Cascaded_Region_Proposal_Networks_for_Real-Time_Visual_Tracking_CVPR_2019_paper.pdf
- **Tags:** Region Proposal Networks, Siamese network, Real-Time Visual Tracking, Feature Transfer Block
- **Year:** 2019

2 Summary

- **What:**
 - They introduce a novel multistage tracking framework, the Siamese Cascaded RPN (CRPN), to solve the problem of class imbalance.
 - Use a novel feature transfer block (FTB) which enables us to fuse the high-level features into low-level RPN, which further improves its discriminative power to deal with complex background.
- **How:**
- **Results:**