

# Deep Hough Transform for Semantic Line Detection

— Supplemental Material —

In the supplementary material we provide detailed network architectures and additional experimental results.

## 1 Network Architecture

Here we detail the proposed network architectures. The proposed Deep Hough Transform (DHT) module and Reverse Hough Transform (RHT) are embedded into a FPN backbone. Taking ResNet50 based FPN as an example, details are given in Fig. 1.

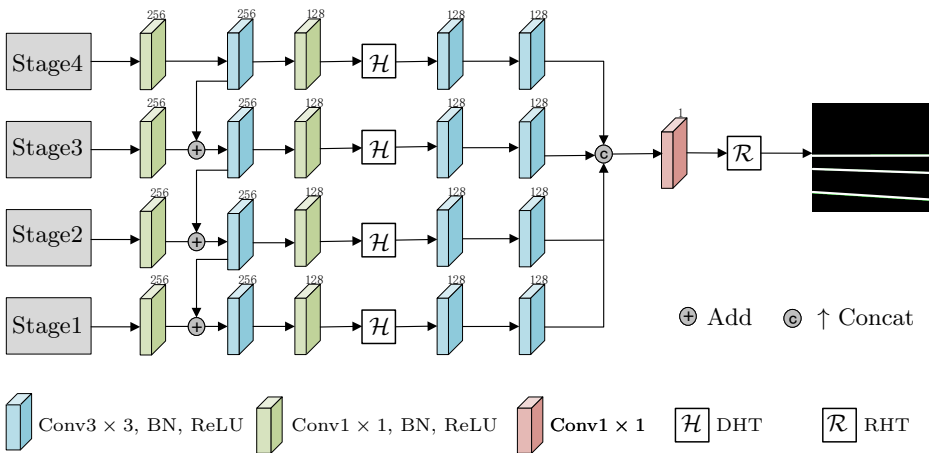


Fig. 1. Details of our network architecture.

## 2 All Results on SEL Dataset

We provide ALL the detection results on the SEL dataset[29]. Bottom rows are result of SLNet[29] and upper rows are results produced by our method.

