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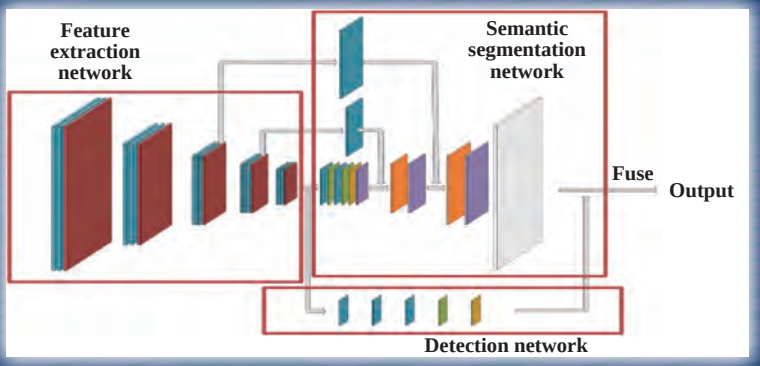

本期特约报告

基于双模全卷积网络的行人检测算法

罗海波等

通过对基于共享特征提取网络的目标检测网络和弱监督训练语义分割网络的输出结果进行融合，得到目标最终检测结果的方法可兼顾目标检测的精度与速度。实验结果表明，该方法在近实时的检测速度下，漏检率低至8.47%，综合性能优于目前国际上的先进水平，具有较高的工程应用价值。

中国航天科工集团公司
《红外与激光工程》编辑部

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