表面缺陷检测的开源工具

# 参考：

<https://mp.weixin.qq.com/s/benX3BK32m_vFpUy95qYSQ>

# Deye

<https://github.com/sundyCoder/DEye>

中文说明：

<https://www.yanxishe.com/blogDetail/13979>

# A toolbox for surface defects saliency detection（表面缺陷显着性检测）

<https://github.com/abin24/Saliency-detection-toolbox>

# 基于PCB的缺陷检测

<https://github.com/Ixiaohuihuihui/Tiny-Defect-Detection-for-PCB>

# 谷歌缺陷检测算法\_缺陷检测算法汇总（传统+深度学习方式）|综述、源码

## 参考：

<https://blog.csdn.net/weixin_33168127/article/details/112558744>

## 语义分割方式

### 钢铁缺陷检测（[KolektorSDD 数据集](http://www.vicos.si/Downloads/KolektorSDD)。）

<https://github.com/Wslsdx/Deep-Learning-Approach-for-Surface-Defect-Detection>

<https://github.com/LeeWise9/Segmentation-Based-Surface-Defect-Detection>

### 芯片上的凹凸、凹痕和斑点三种缺陷

<https://github.com/CristinaMa0917/Defects_Detection_MaskRCNN>

## 目标检测方式

<https://github.com/YeahHuang/Al_surface_defect_detection>

## 基于GAN

<https://github.com/hukefei/GAN-defect>

<https://github.com/tSchlegl/f-AnoGAN>

## 织物缺陷检测

https://github.com/weningerleon/TextileDefectDetection

https://github.com/freedom-kevin/defect\_detection

https://github.com/Johncheng1/Fabric-defect-detection

https://github.com/luissen/SSDT-A-single-shot-detector-for-PCB--defects

https://github.com/wangerniuniu/FabricDefectDetection

https://github.com/mynameiswangshiyi/AE-BP-fabric-defect-detection

原文链接：<https://blog.csdn.net/weixin_33168127/article/details/112558744>

## 基于编解码

## 其它

https://github.com/skokec/segdec-net-jim2019

https://github.com/zwb204/Industrial\_defect\_detection

https://github.com/wuziheng/SiliconWaferDefectDetection

<https://github.com/qiucongying/Mcue> (MCuePush U-Net)

https://github.com/yjphhw/SACNN