



INTENSIVO DE VERÃO EM VISÃO COMPUTACIONAL COM CONSULTORIA PERSONALIZADA

DOCUMENTAÇÃO E REFERÊNCIAS

AULA 01

Segmentação de Cor

[inRange](#)

https://docs.opencv.org/master/da/d97/tutorial_threshold_inRange.html

[bitwise_and](#)

https://docs.opencv.org/trunk/d0/d86/tutorial_py_image_arithmetics.html

Rastreamento de Cor

[Contours](#)

https://docs.opencv.org/master/d4/d73/tutorial_py_contours_begin.html

Extração de Cor e Substituição de Imagem

[addWeighted](#)

https://docs.opencv.org/master/d5/dc4/tutorial_adding_images.html

Detecção de Bordas e Matriz de Convolução

[Processamento de Imagens](#)

https://en.wikipedia.org/wiki/Kernel_%28image_processing%29

[Filtros 2D](#)

https://docs.opencv.org/master/d4/d13/tutorial_py_filtering.html

[Canny](#)

https://docs.opencv.org/3.4/da/d5c/tutorial_canny_detector.html

Dividir Imagens

[Operações Básicas](#)

https://opencv-python-tutroals.readthedocs.io/en/latest/py_tutorials/py_core/py_basic_ops/py_basic_ops.html

Classificação por Histograma

[Histograma](#)

<https://pt.wikipedia.org/wiki/Histograma>

[Cálculo de histograma](#)

https://docs.opencv.org/3.4/d8/dbc/tutorial_histogram_calculation.html

[Comparação de histograma](#)

https://docs.opencv.org/3.4/d8/dc8/tutorial_histogram_comparison.html

Classificação por Histograma

[Foreground Detection](https://en.wikipedia.org/wiki/Foreground_detection)

https://en.wikipedia.org/wiki/Foreground_detection

[Background Subtraction](https://docs.opencv.org/master/d1/dc5/tutorial_background_subtraction.html)

https://docs.opencv.org/master/d1/dc5/tutorial_background_subtraction.html

ORB Detecção de Pontos-Chave

[ORB detection](https://opencv-python-tutroals.readthedocs.io/en/latest/py_tutorials/py_feature2d/py_orb/py_orb.html)

https://opencv-python-tutroals.readthedocs.io/en/latest/py_tutorials/py_feature2d/py_orb/py_orb.html

Similaridade de Pontos-Chave

[Feature Matching + Homography to find Objects](https://docs.opencv.org/master/d1/de0/tutorial_py_feature_homography.html)

https://docs.opencv.org/master/d1/de0/tutorial_py_feature_homography.html

[Flann Matching](https://docs.opencv.org/master/d5/d6f/tutorial_feature_flann_matcher.html)

https://docs.opencv.org/master/d5/d6f/tutorial_feature_flann_matcher.html

[Knn algorithm](https://en.wikipedia.org/wiki/K-nearest_neighbors_algorithm)

https://en.wikipedia.org/wiki/K-nearest_neighbors_algorithm