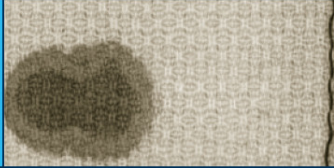
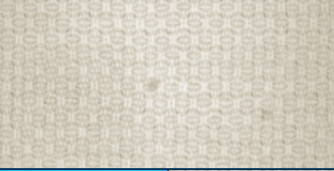


*Using the Blob Toolbox you may locate objects in applications when there is significant variance in shape and orientation.*



# Blob Toolbox

## - A toolbox for VideometerLab

Blob Toolbox is a collection of tools used for segmentation and classification of blob structures in images from Videometer instruments.

A blob (binary large object) is an area of touching pixels. In a binary image, pixels in the background have values equal to zero while every nonzero blob pixel is part of a binary object.

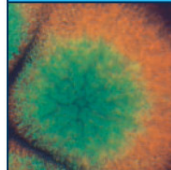
The Blob Toolbox consists of a series of processing operations and analysis functions that produce information about blobs in an image. You may use Blob Toolbox to find statistical information such as size, length, number, location, and a variety of shape features.

With this information, you are capable of performing many vision inspection tasks, such as counting bacteria, grain or seeds, finding structural defects on wood planks or detecting cracks on plastics sheets.

### Functions

- Segmentation
- Feature extraction and statistics
- Classification

The developed classifiers may be saved and reloaded to be use in series of sample images.



*You may use blob analysis to detect blobs in an image for counting or making selected measurements of blobs.*

