

SANI Architecture - 2D Object Recognition Development Specification -

21 September 2021 - 12 April 2022

sequentially activated neuronal input neural network

image data

SANI Network

sequential convolution
filters

SANI generation phase:
train network at current resolution/translation

SANI detection phase:
sample image at different resolutions/translations
(depending on number of transformation types
captured by sequential convolution filters)

sequential convolution
filters

sequential convolution
filters

object identification

