

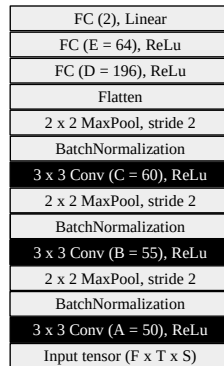
TinyML Application: CNN Sensor Analytics for Structural Health Monitoring

CNN-regression model

X and Y coordinates
of disturbance

► Output tensor (x, y)

c) Regression
function



Feature
extraction

TensorFlow Lite

Experimental setup:

Sensor and noise positions

Training dataset

Testing dataset

Model architecture