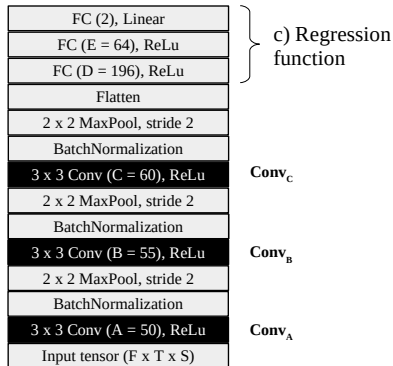


TinyML Application: CNN Sensor Analytics for Structural Health Monitoring

CNN-regression model

Output tensor (x, y)



TensorFlow Lite

Feature
extraction

Sensor and noise positions

Training dataset

Testing dataset

Model architecture

Experimental setup: