Title : Face expression recognition using Deep Learning

Abstract : Face expression recognition means analyzing and understanding human nonverbal signs like facial expressions. Automatic facial expression recognition opens up new possibilities for applications in human-computer interaction and other fields. Face expression recognition can be done in several ways. In this project, I will use Artificial Neural Network (ANN), Convolutional Neural Network (CNN) and Long Short-Term Memory (LSTM) and compare their results according to error, accuracy and gradient. Finally, I will select the one that gives the best possible result.