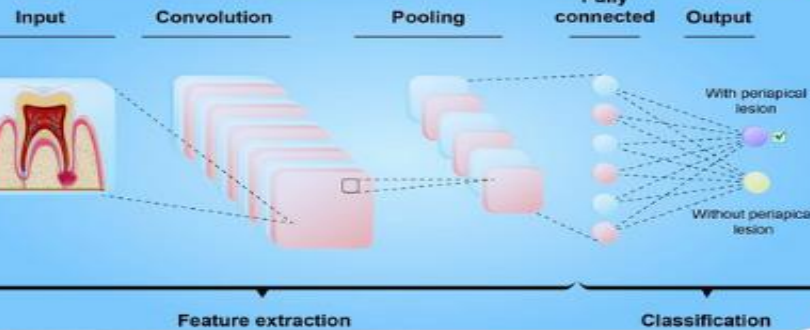
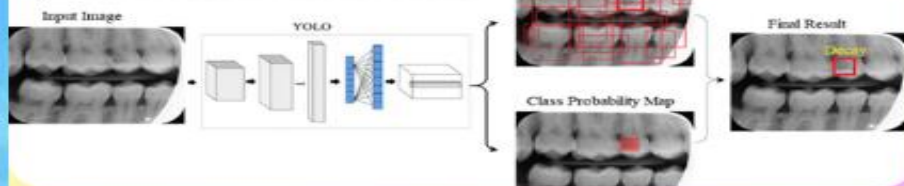


TRANSFORMING ENDODONTICS WITH DEEP LEARNING

CONVOLUTIONAL NEURAL NETWORK

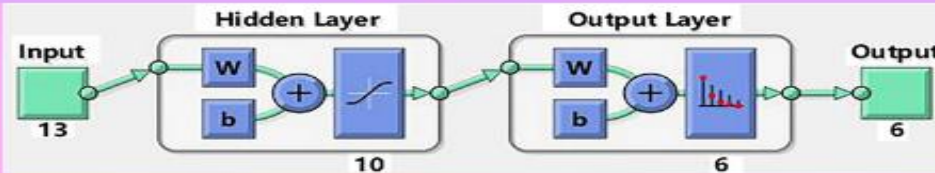


FOR DETECTION OF PROXIMAL CARIES



ARTIFICIAL NEURAL NETWORK

BP ANN Model used to predict post endodontic pain



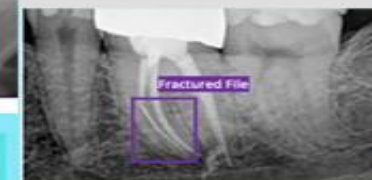
SEGMENTATION TASK



CLASSIFICATION TASK



OBJECT DETECTION TASK



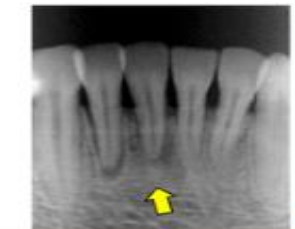
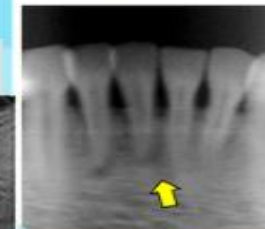
GENERATIVE ADVERSARIAL NETWORK

Enhances quality of radiographic image at low resolution

Pre processing



Post processing



TRANSFORMING NETWORK

NATURAL LANGUAGE PROCESSING

Medical Interview
Medical chart
writing And
Health care consultation



RECURRENT NEURAL NETWORK

LSTM Based RNN Can analyze the data to predict restoration durability or periodontal treatment effectiveness

AUTOENCODERS

To learn efficient coding or Representation from input data

