

Supplementary material

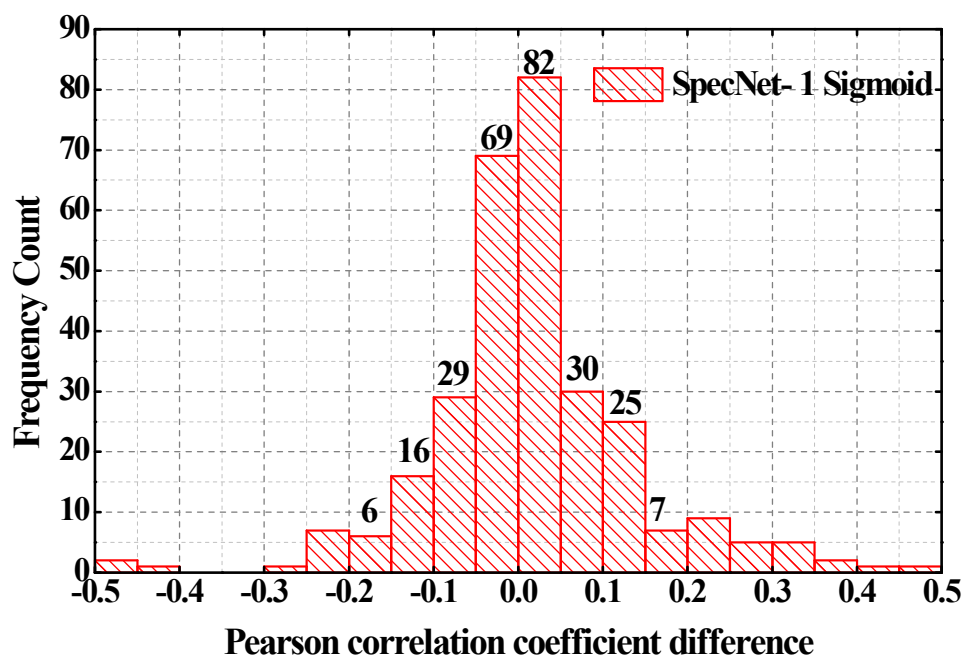


Fig. 1 Histogram plot of the PCC difference obtained from the SpecNet and 1 Sigmoid model.

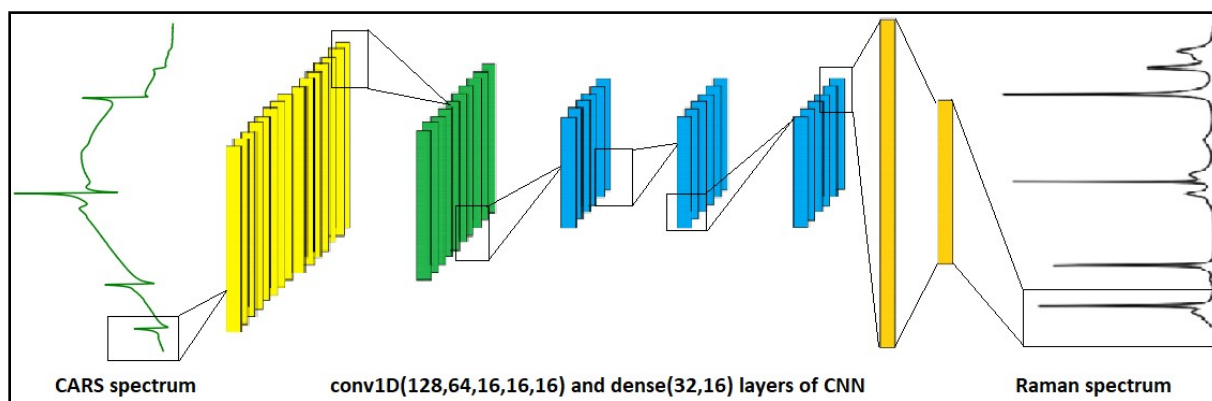


Fig. 2 Typical schematic of the CNN model architecture.

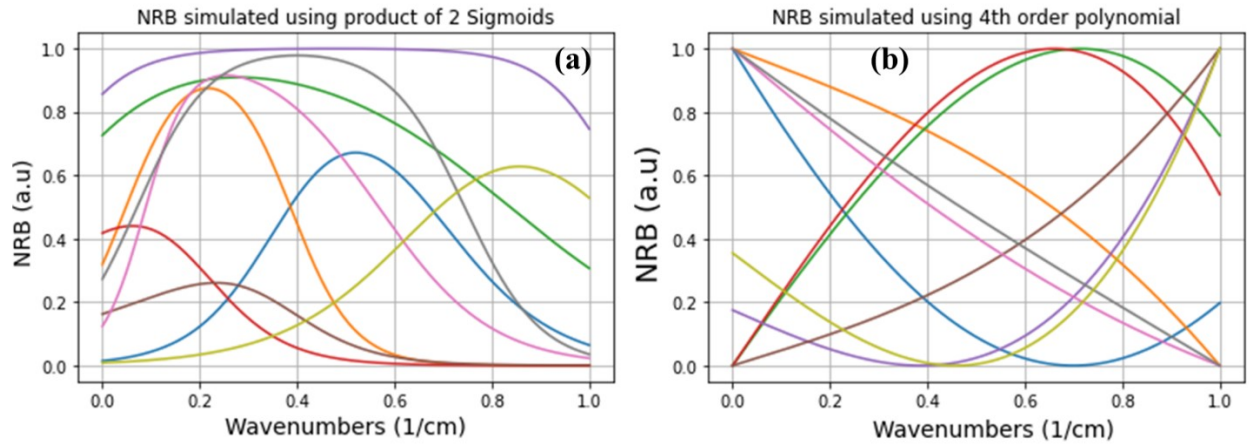


Fig. 3 Various NRB shapes simulated using a) Product of two Sigmoid and b) 4th order polynomial function.