spectra2formula

N= Number of Samples
A = Number of Nodes in Convolution Layer
B = Number of Nodes in Dense Layer
S = Spectral Width
K = Kernal Size
E = Number of Chemical Elements

Formula Prediction

N x E

Level n — N x B

Level 2 — N x B   **Dense Subnetwork**

Level 1 — N x B

Level m — N x (S-mK+m) x A

Level 2 — N x (S-2K+2) x A   **Convolution Subnetwork**

Level 1 — N x (S-K+1) x A

N x S

Spectra Input