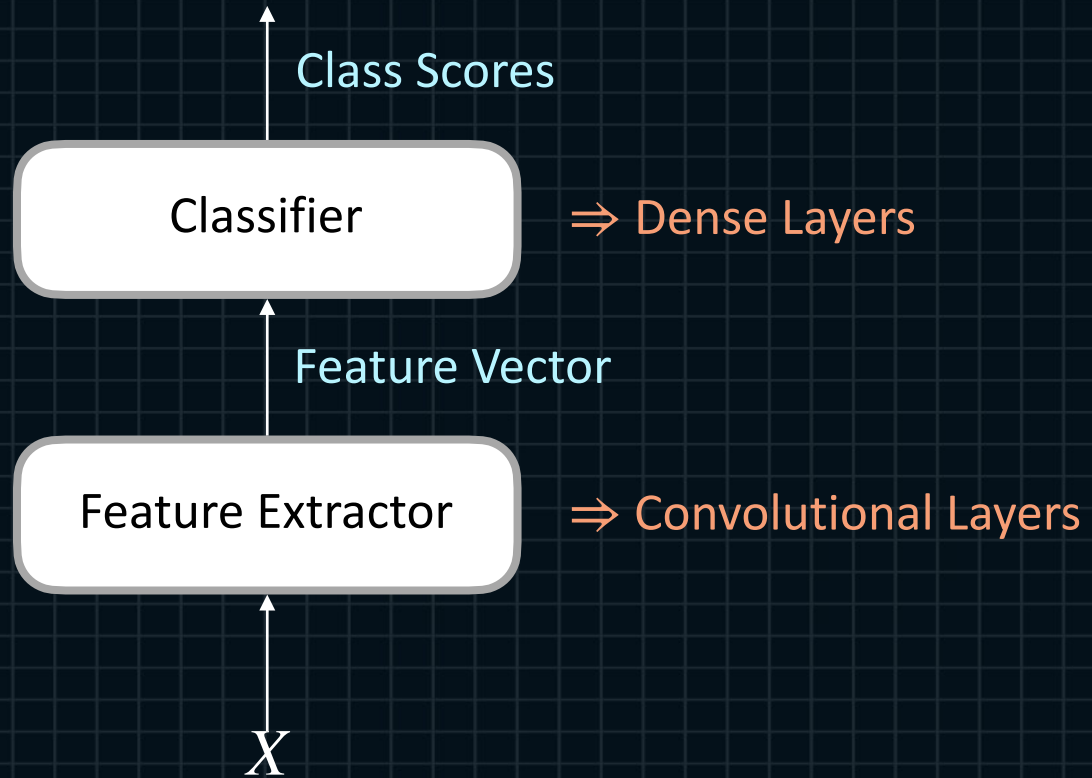


Forward Propagation of Neural Networks

Lecture.7
Convolutional
Neural Networks

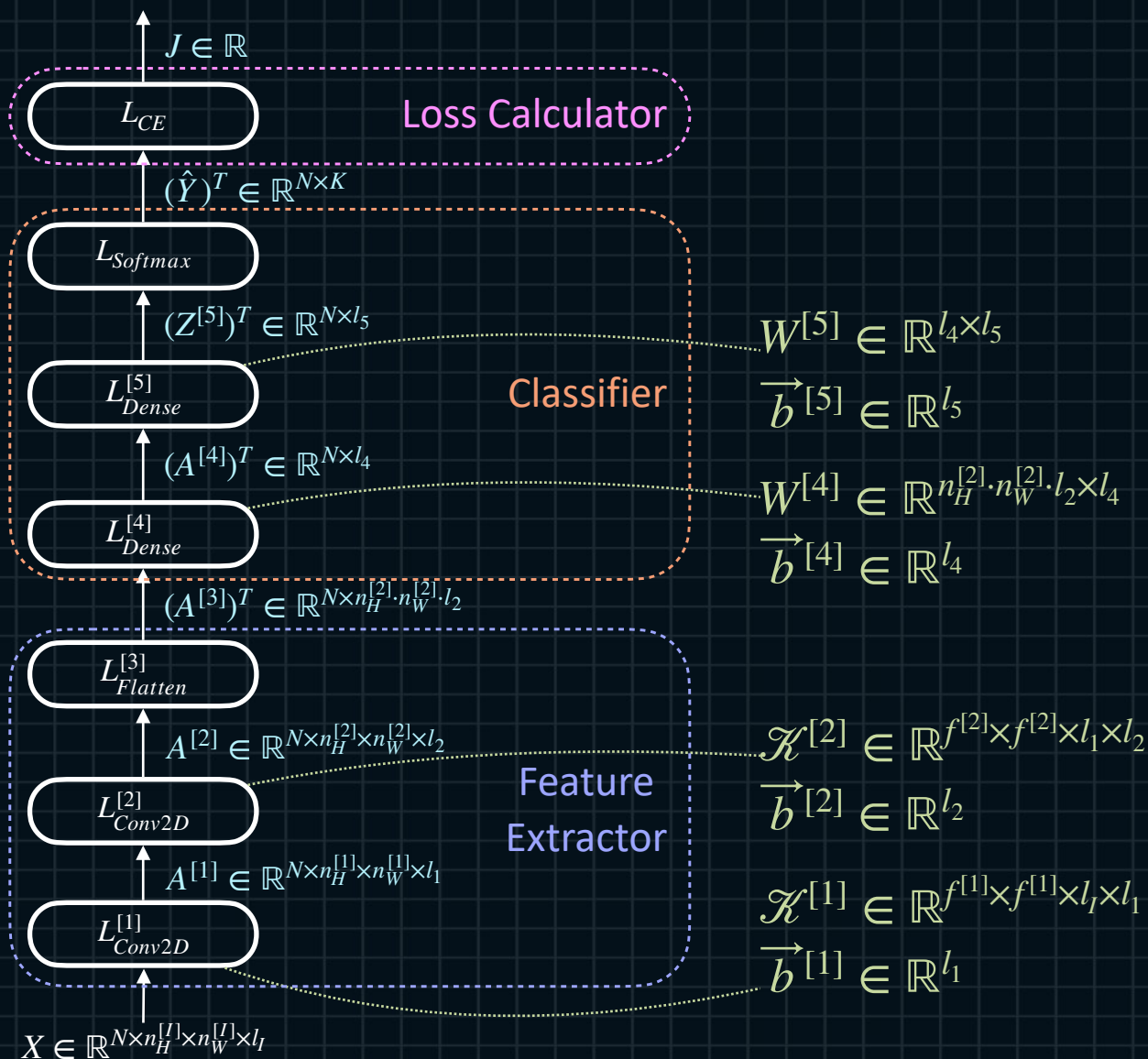
Lecture.6 Convolutional Neural Networks

- Modules of Classifier



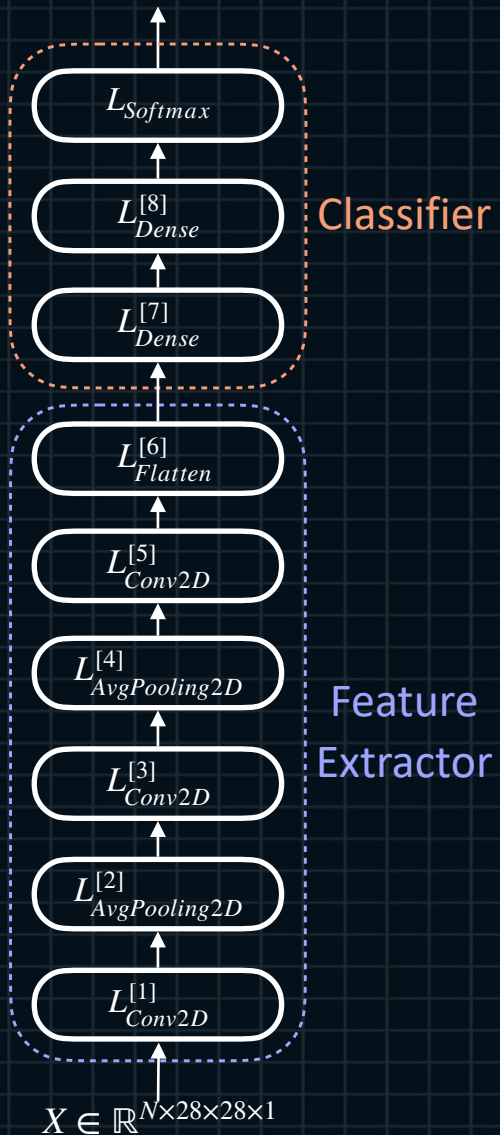
Lecture.6 Convolutional Neural Networks

- Convolutional Neural Networks

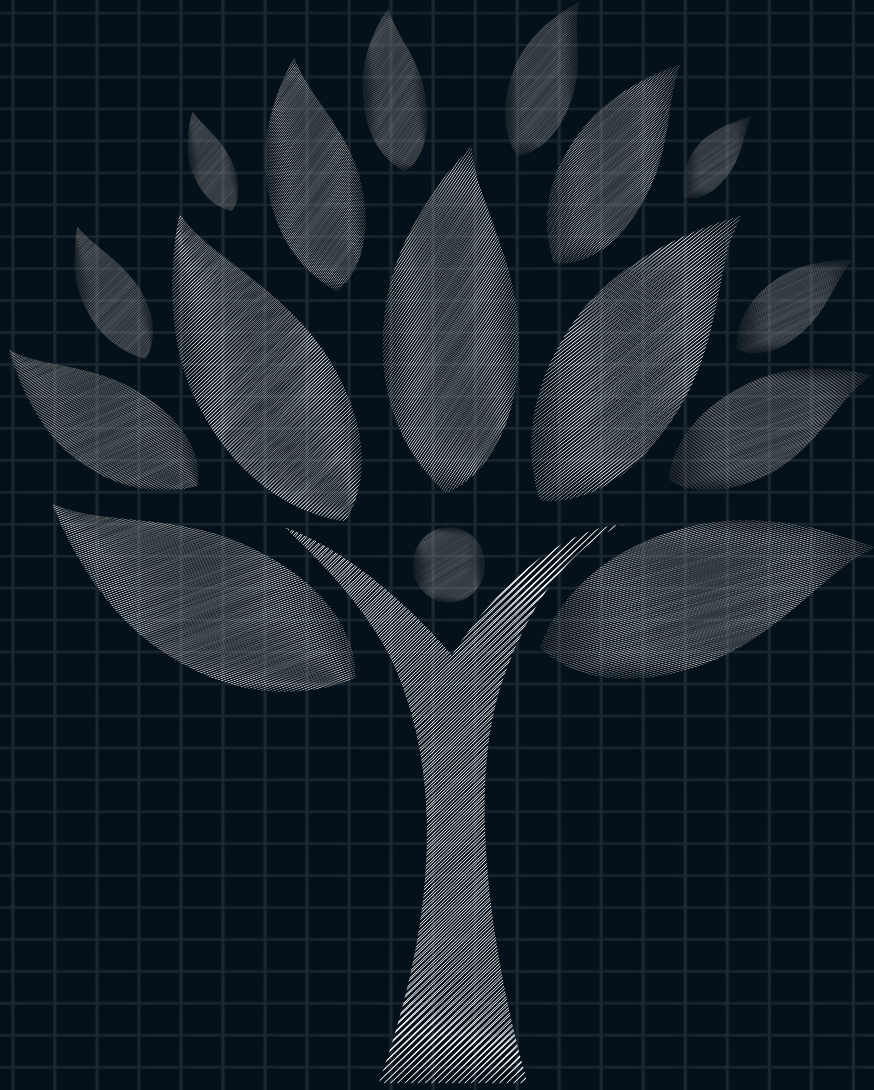


Lecture.6 Convolutional Neural Networks

- LeNet



LeNet	Filter Size	# of Filters	Padding	Strides	Activation	Output		
Input	-	1	-	-	-	28	28	1
Conv1	5	6	2	1	tanh	28	28	6
AvgPool1	2	-	0	2	-	14	14	6
Conv2	5	16	0	1	tanh	10	10	16
AvgPool2	2	-	0	2	-	5	5	16
Conv3	5	120	0	1	tanh	1	1	120
Flatten	-	-	-	-	-	120	-	-
Dense1	-	84	-	-	tanh	84	-	-
Dense2	-	10	-	-	softmax	10	-	-



Forward Propagation of Neural Networks

Lecture.7
Convolutional
Neural Networks