

# Summary of Training Runs

## The script's input parameters

```
Description: This configuration file is for the CFAR-10 data set. The CFAR32 data
set consists of pictures of size 32x32. The model will have to accomodate these
dimensions
dropout_percentage: 10
dropout_percentage_range:
- 10
evaluate_the_model: 0
fit_the_model: 1
machine_dump_file_name_base: keras.cifar-10.trained
mkernell_regularizer_l2: 0.1
mkernell_regularizer_l2_range:
- 0.1
number_of_epochs: 1
verbose: 1
```

## The class / runs parameters

```
dropout_percentage: 0.1
mkernell_regularizer_l2: 0.1
number_of_epochs: 1
```

## The model summary

Model: "sequential"

Layer (type)	Output Shape	Param #
conv2d (Conv2D)	(None, 32, 32, 32)	896
conv2d_1 (Conv2D)	(None, 32, 32, 32)	9248
max_pooling2d (MaxPooling2D)	(None, 16, 16, 32)	0
dropout (Dropout)	(None, 16, 16, 32)	0
conv2d_2 (Conv2D)	(None, 16, 16, 64)	18496
conv2d_3 (Conv2D)	(None, 16, 16, 64)	36928
max_pooling2d_1 (MaxPooling2D)	(None, 8, 8, 64)	0
dropout_1 (Dropout)	(None, 8, 8, 64)	0
conv2d_4 (Conv2D)	(None, 8, 8, 128)	73856
conv2d_5 (Conv2D)	(None, 8, 8, 128)	147584
max_pooling2d_2 (MaxPooling2D)	(None, 4, 4, 128)	0
dropout_2 (Dropout)	(None, 4, 4, 128)	0
flatten (Flatten)	(None, 2048)	0
dense (Dense)	(None, 128)	262272
dense_1 (Dense)	(None, 10)	1290
Total params: 550,570		
Trainable params: 550,570		
Non-trainable params: 0		

## The model configuration

```
{
  "layers": [
    {
      "class_name": "InputLayer",
      "config": {
        "batch_input_shape": [
          null,
          32,
          32,
          3
        ],
        "dtype": "float32",
        "name": "conv2d_input",
        "ragged": false,
        "sparse": false
      }
    },
    {
      "class_name": "Conv2D",
      "config": {
        "activation": "relu",
        "activity_regularizer": null,
        "batch_input_shape": [
          null,
          32,
          32,
          3
        ],
        "bias_constraint": null,
        "bias_initializer": {
          "class_name": "Zeros",
          "config": {}
        },
        "bias_regularizer": null,
        "data_format": "channels_last",
        "dilation_rate": [
          1,
          1
        ],
        "dtype": "float32",
        "filters": 32,
        "groups": 1,
        "kernel_constraint": null,
        "kernel_initializer": {
          "class_name": "HeUniform",
          "config": {
            "seed": null
          }
        },
        "kernel_regularizer": {
          "class_name": "L2",
          "config": {
            "l2": 0.10000000149011612
          }
        },
        "kernel_size": [
          3,
          3
        ],
        "name": "conv2d",
        "padding": "same",
        "strides": [
          1,
          1
        ],
        "trainable": true,
        "use_bias": true
      }
    }
  ],
}
```

```

{
  "class_name": "Conv2D",
  "config": {
    "activation": "relu",
    "activity_regularizer": null,
    "bias_constraint": null,
    "bias_initializer": {
      "class_name": "Zeros",
      "config": {}
    },
    "bias_regularizer": null,
    "data_format": "channels_last",
    "dilation_rate": [
      1,
      1
    ],
    "dtype": "float32",
    "filters": 32,
    "groups": 1,
    "kernel_constraint": null,
    "kernel_initializer": {
      "class_name": "HeUniform",
      "config": {
        "seed": null
      }
    },
    "kernel_regularizer": {
      "class_name": "L2",
      "config": {
        "l2": 0.10000000149011612
      }
    },
    "kernel_size": [
      3,
      3
    ],
    "name": "conv2d_1",
    "padding": "same",
    "strides": [
      1,
      1
    ],
    "trainable": true,
    "use_bias": true
  }
},
{
  "class_name": "MaxPooling2D",
  "config": {
    "data_format": "channels_last",
    "dtype": "float32",
    "name": "max_pooling2d",
    "padding": "valid",
    "pool_size": [
      2,
      2
    ],
    "strides": [
      2,
      2
    ],
    "trainable": true
  }
},
{
  "class_name": "Dropout",
  "config": {
    "dtype": "float32",
    "name": "dropout",
    "noise_shape": null,
    "rate": 0.1,
    "seed": null,

```

```

        "trainable": true
    }
},
{
    "class_name": "Conv2D",
    "config": {
        "activation": "relu",
        "activity_regularizer": null,
        "bias_constraint": null,
        "bias_initializer": {
            "class_name": "Zeros",
            "config": {}
        },
        "bias_regularizer": null,
        "data_format": "channels_last",
        "dilation_rate": [
            1,
            1
        ],
        "dtype": "float32",
        "filters": 64,
        "groups": 1,
        "kernel_constraint": null,
        "kernel_initializer": {
            "class_name": "HeUniform",
            "config": {
                "seed": null
            }
        },
        "kernel_regularizer": {
            "class_name": "L2",
            "config": {
                "l2": 0.10000000149011612
            }
        },
        "kernel_size": [
            3,
            3
        ],
        "name": "conv2d_2",
        "padding": "same",
        "strides": [
            1,
            1
        ],
        "trainable": true,
        "use_bias": true
    }
},
{
    "class_name": "Conv2D",
    "config": {
        "activation": "relu",
        "activity_regularizer": null,
        "bias_constraint": null,
        "bias_initializer": {
            "class_name": "Zeros",
            "config": {}
        },
        "bias_regularizer": null,
        "data_format": "channels_last",
        "dilation_rate": [
            1,
            1
        ],
        "dtype": "float32",
        "filters": 64,
        "groups": 1,
        "kernel_constraint": null,
        "kernel_initializer": {
            "class_name": "HeUniform",
            "config": {

```

```

        "seed": null
    },
    {
        "kernel_regularizer": {
            "class_name": "L2",
            "config": {
                "l2": 0.10000000149011612
            }
        },
        "kernel_size": [
            3,
            3
        ],
        "name": "conv2d_3",
        "padding": "same",
        "strides": [
            1,
            1
        ],
        "trainable": true,
        "use_bias": true
    }
],
{
    "class_name": "MaxPooling2D",
    "config": {
        "data_format": "channels_last",
        "dtype": "float32",
        "name": "max_pooling2d_1",
        "padding": "valid",
        "pool_size": [
            2,
            2
        ],
        "strides": [
            2,
            2
        ],
        "trainable": true
    }
},
{
    "class_name": "Dropout",
    "config": {
        "dtype": "float32",
        "name": "dropout_1",
        "noise_shape": null,
        "rate": 0.1,
        "seed": null,
        "trainable": true
    }
},
{
    "class_name": "Conv2D",
    "config": {
        "activation": "relu",
        "activity_regularizer": null,
        "bias_constraint": null,
        "bias_initializer": {
            "class_name": "Zeros",
            "config": {}
        },
        "bias_regularizer": null,
        "data_format": "channels_last",
        "dilation_rate": [
            1,
            1
        ],
        "dtype": "float32",
        "filters": 128,
        "groups": 1,
        "kernel_constraint": null,

```

```

    "kernel_initializer": {
      "class_name": "HeUniform",
      "config": {
        "seed": null
      }
    },
    "kernel_regularizer": {
      "class_name": "L2",
      "config": {
        "l2": 0.10000000149011612
      }
    },
    "kernel_size": [
      3,
      3
    ],
    "name": "conv2d_4",
    "padding": "same",
    "strides": [
      1,
      1
    ],
    "trainable": true,
    "use_bias": true
  }
},
{
  "class_name": "Conv2D",
  "config": {
    "activation": "relu",
    "activity_regularizer": null,
    "bias_constraint": null,
    "bias_initializer": {
      "class_name": "Zeros",
      "config": {}
    },
    "bias_regularizer": null,
    "data_format": "channels_last",
    "dilation_rate": [
      1,
      1
    ],
    "dtype": "float32",
    "filters": 128,
    "groups": 1,
    "kernel_constraint": null,
    "kernel_initializer": {
      "class_name": "HeUniform",
      "config": {
        "seed": null
      }
    },
    "kernel_regularizer": {
      "class_name": "L2",
      "config": {
        "l2": 0.10000000149011612
      }
    },
    "kernel_size": [
      3,
      3
    ],
    "name": "conv2d_5",
    "padding": "same",
    "strides": [
      1,
      1
    ],
    "trainable": true,
    "use_bias": true
  }
},

```

```

{
  "class_name": "MaxPooling2D",
  "config": {
    "data_format": "channels_last",
    "dtype": "float32",
    "name": "max_pooling2d_2",
    "padding": "valid",
    "pool_size": [
      2,
      2
    ],
    "strides": [
      2,
      2
    ],
    "trainable": true
  }
},
{
  "class_name": "Dropout",
  "config": {
    "dtype": "float32",
    "name": "dropout_2",
    "noise_shape": null,
    "rate": 0.1,
    "seed": null,
    "trainable": true
  }
},
{
  "class_name": "Flatten",
  "config": {
    "data_format": "channels_last",
    "dtype": "float32",
    "name": "flatten",
    "trainable": true
  }
},
{
  "class_name": "Dense",
  "config": {
    "activation": "relu",
    "activity_regularizer": null,
    "bias_constraint": null,
    "bias_initializer": {
      "class_name": "Zeros",
      "config": {}
    },
    "bias_regularizer": null,
    "dtype": "float32",
    "kernel_constraint": null,
    "kernel_initializer": {
      "class_name": "HeUniform",
      "config": {
        "seed": null
      }
    },
    "kernel_regularizer": null,
    "name": "dense",
    "trainable": true,
    "units": 128,
    "use_bias": true
  }
},
{
  "class_name": "Dense",
  "config": {
    "activation": "softmax",
    "activity_regularizer": null,
    "bias_constraint": null,
    "bias_initializer": {
      "class_name": "Zeros",

```

```

        "config": {}
    },
    "bias_regularizer": null,
    "dtype": "float32",
    "kernel_constraint": null,
    "kernel_initializer": {
        "class_name": "GlorotUniform",
        "config": {
            "seed": null
        }
    },
    "kernel_regularizer": null,
    "name": "dense_1",
    "trainable": true,
    "units": 10,
    "use_bias": true
    }
},
],
"name": "sequential"
}

```

## The model layers and weights

```

[array([[[-1.44908000e-02,  3.22941504e-02,  6.49998784e-02,
          1.09651074e-01, -4.20861617e-02, -7.11686686e-02,
          -2.06665620e-02,  1.57221798e-02,  7.36506889e-03,
          1.11994334e-01,  7.20388740e-02,  2.72830501e-02,
          -6.59330711e-02, -8.19911286e-02, -3.52443792e-02,
          -9.41777080e-02, -8.56493637e-02, -4.35223952e-02,
          7.62039721e-02, -7.98114166e-02, -3.75191607e-02,
          -1.76481754e-02,  7.50651583e-03, -8.92739818e-02,
          -8.81723464e-02,  1.13593433e-02, -3.79077904e-02,
          -1.91548094e-02,  5.23840785e-02,  6.34530112e-02,
          -8.99785012e-03,  2.46570557e-02],
        [ 4.60084155e-02,  1.46263577e-02, -4.11538291e-04,
          -8.09497088e-02,  2.73942146e-02, -9.38319117e-02,
          -4.76427339e-02,  9.28723663e-02, -5.43203875e-02,
          -4.95317355e-02,  1.30821792e-02, -2.02470291e-02,
          -6.65173903e-02,  1.28703536e-02, -4.23106663e-02,
          1.29105838e-03,  5.53367613e-03,  1.08509483e-02,
          4.45714174e-03, -2.58105155e-03,  9.94050354e-02,
          6.40848726e-02,  6.01485446e-02, -5.03258519e-02,
          4.83236760e-02,  5.92847317e-02,  2.51242667e-02,
          5.98563999e-02,  3.81659903e-02,  9.34405103e-02,
          -6.21662587e-02, -2.54546031e-02],
        [ 1.41251296e-01,  5.28736040e-02,  1.56399198e-02,
          -1.06936760e-01,  5.16780540e-02, -4.11034115e-02,
          -1.46824466e-02, -5.30685782e-02, -1.80089064e-02,
          -5.95333166e-02,  8.63581970e-02, -3.15297060e-02,
          -3.92359681e-02, -1.15949642e-02, -9.29528400e-02,
          6.66599646e-02, -3.97944525e-02, -5.44735976e-02,
          9.02412534e-02,  4.48807627e-02,  9.98733416e-02,
          3.93330529e-02,  1.86081827e-02, -8.07711631e-02,
          -5.33275418e-02, -3.77165526e-02,  7.99597651e-02,
          8.11749399e-02, -1.56128146e-02, -9.33422074e-02,
          -9.60770175e-02,  1.04139492e-01]],
        [[-3.55034397e-04,  5.42530492e-02, -6.41359687e-02,
          -1.46357680e-03, -6.61350116e-02, -2.48225108e-02,
          -7.71831572e-02, -7.03470781e-02,  1.58099306e-03,
          6.26773983e-02, -5.54643385e-02,  6.33798912e-02,
          4.45496403e-02, -6.75714388e-02,  6.05533794e-02,
          -2.61117928e-02, -1.19938748e-02, -7.53678009e-02,
          1.90776195e-02, -3.56088243e-02,  3.38975410e-03,
          3.34001854e-02,  1.47742741e-02, -2.20948015e-03,
          -4.24632765e-02, -9.48110297e-02,  7.66112134e-02,
          -4.53555994e-02,  6.00925907e-02, -8.72786343e-02,
          -2.47202162e-02, -8.76615569e-02],
        [-8.98727681e-03,  6.49498329e-02,  4.95804325e-02,
          -3.87660675e-02,  8.09616875e-03, -2.68375524e-03,

```



```

8.14764276e-02, -5.92819229e-02, 4.61998619e-02,
7.17259645e-02, 4.47573885e-02, -9.67750400e-02,
-3.90523635e-02, 6.49219304e-02, 4.61975895e-02,
-1.83290225e-02, 2.17559710e-02, 2.45918091e-02,
-7.03890324e-02, -8.41565356e-02, -3.38019095e-02,
4.72435057e-02, -1.49201360e-02, 1.48671344e-02,
1.39986165e-02, -5.00178672e-02, 3.99953164e-02,
-5.43945804e-02, 7.70981237e-02, 6.32195771e-02,
-9.61169153e-02, -5.48981503e-02],
[ 6.88100010e-02, -4.18730341e-02, -5.34598231e-02,
-1.90303717e-02, -2.33795848e-02, -6.36093542e-02,
1.50634527e-01, 7.27650523e-02, -6.72683865e-02,
2.08883956e-02, -9.59958434e-02, -1.35077266e-02,
9.34597775e-02, 3.78559045e-02, -3.61606590e-02,
9.74059664e-03, -5.41911926e-04, 2.61269324e-02,
-8.86550248e-02, -8.97674561e-02, -1.09102670e-02,
-1.09541878e-01, -1.45944282e-02, -2.14861836e-02,
2.46063154e-02, 8.15703347e-02, -4.22149859e-02,
-3.84444483e-02, 9.85869393e-02, -1.79698635e-02,
-9.02858078e-02, 9.92429778e-02]],

[[ 7.81118199e-02, 9.44292322e-02, 1.56838559e-02,
7.82260150e-02, -3.30715813e-02, 1.33218337e-02,
4.11552601e-02, -1.87177118e-02, -7.13164359e-02,
1.91096403e-02, 9.24527943e-02, -4.66565862e-02,
9.13275108e-02, 2.72543076e-02, 1.31537821e-02,
2.63829306e-02, -5.22719882e-02, 7.72648454e-02,
-9.64885205e-02, -8.40451866e-02, 1.49933184e-02,
-2.04474758e-03, 5.85301314e-03, -1.86424796e-02,
-6.28173351e-02, -4.33926992e-02, 2.19290033e-02,
-3.35074812e-02, 8.84585604e-02, -2.82582175e-02,
7.57356063e-02, 9.28460881e-02],
[ 5.48141561e-02, -5.21824695e-02, 9.31745991e-02,
2.70524304e-02, -3.28254960e-02, 5.99569231e-02,
-4.00302112e-02, 3.01400740e-02, 3.96965295e-02,
8.19618702e-02, -8.40159804e-02, -3.45870554e-02,
-5.32088503e-02, 5.10702096e-02, -6.13023192e-02,
5.70831075e-02, 3.43680196e-02, -1.65099429e-03,
3.03803980e-02, 5.54841384e-02, 2.58140964e-03,
9.08338651e-02, -5.37810810e-02, -6.94517121e-02,
-4.36644107e-02, 2.15410143e-02, -1.83129832e-02,
4.22815755e-02, 8.05689096e-02, 5.34946844e-02,
1.36533566e-02, 1.13601282e-01],
[ 4.07642201e-02, -7.02838078e-02, -7.68424422e-02,
-3.03163901e-02, -3.75756994e-02, 2.36428026e-02,
1.25849143e-01, -6.68037757e-02, -1.97718311e-02,
-1.05417192e-01, 5.90883195e-02, -3.07937730e-02,
-4.82760444e-02, 3.60062830e-02, 4.76400293e-02,
5.09514026e-02, 6.77286163e-02, -9.32336673e-02,
-7.90278241e-02, -4.83169360e-03, 3.86449434e-02,
5.30645177e-02, -1.05311975e-01, -3.18740495e-02,
8.79349932e-02, 4.14897203e-02, -9.00915712e-02,
-5.93605563e-02, -1.96521264e-02, -8.22624415e-02,
-3.50426026e-02, 1.42455995e-01]],

[[[ 4.44486504e-03, 6.40075654e-02, -9.76011232e-02,
-7.61115029e-02, -4.55024503e-02, 3.41245383e-02,
-9.12375227e-02, 5.86452074e-02, 2.06262376e-02,
-1.94286406e-02, 5.33328988e-02, 6.93872049e-02,
2.51799859e-02, -2.50784382e-02, -1.50792394e-02,
-1.67566389e-02, 3.36980112e-02, 4.01567621e-03,
-7.70073105e-03, -2.91788317e-02, 8.35475046e-03,
4.33444716e-02, 5.66522256e-02, -5.20634353e-02,
-7.71501895e-02, 4.28428352e-02, -1.94618851e-02,
-2.19860420e-02, 1.35537293e-02, 4.86489898e-03,
-3.89887430e-02, 9.55713242e-02],
[-7.94241503e-02, 7.34819844e-02, -5.75547107e-02,
-1.38136037e-02, -8.71246308e-02, 7.80141205e-02,
-6.58642575e-02, 4.92739454e-02, 1.28623871e-02,
1.07134551e-01, -7.29034245e-02, 6.20366558e-02,
-6.83861598e-02, 1.44045679e-02, -7.54594430e-02,

```

```

-2.15049777e-02, 8.03181827e-02, 3.78342681e-02,
-5.43566532e-02, 6.39254972e-02, -6.74738139e-02,
-6.67505637e-02, 9.74977948e-03, 7.24134520e-02,
4.83599976e-02, -5.39750196e-02, 3.69185992e-02,
-7.34873861e-02, -3.15231457e-02, -4.92943786e-02,
9.22727659e-02, -5.52685708e-02],
[ 1.05809733e-01, 2.75807604e-02, -6.54234737e-02,
5.55918775e-02, -8.03978443e-02, 9.67702421e-04,
9.94428713e-03, -1.61091574e-02, 7.09751546e-02,
-7.62539282e-02, -6.48259968e-02, -6.81283399e-02,
4.61199060e-02, -9.68408510e-02, -6.64422289e-02,
-5.12246341e-02, -2.31568646e-02, 2.26140730e-02,
8.65956098e-02, -7.47356005e-03, 5.48314303e-02,
4.69151549e-02, -5.42937554e-02, -8.58346149e-02,
-1.55585946e-03, 8.70454311e-03, -3.47650610e-02,
-9.70272943e-02, 1.06762215e-01, -3.56448777e-02,
4.60565314e-02, 1.26720697e-01]],

[[-1.07864350e-01, 1.24916239e-02, -6.57431856e-02,
8.43825489e-02, -6.36043921e-02, 3.15566100e-02,
2.66872253e-02, 6.11707903e-02, -7.62628615e-02,
5.02911247e-02, -4.35391963e-02, -9.35555622e-02,
2.01516878e-03, -3.96831147e-02, 8.15154985e-02,
-8.88548717e-02, 7.26205632e-02, -1.11612147e-02,
-2.33525205e-02, 8.07323679e-02, 1.60735827e-02,
-1.45866582e-02, -3.86079252e-02, 8.13229457e-02,
4.54788469e-02, 1.69500839e-02, 4.94104298e-03,
3.89592499e-02, 1.06220484e-01, 4.78506796e-02,
5.10769943e-03, 4.57482273e-03],
[-2.30937917e-03, -2.83944327e-02, 4.45359312e-02,
1.05886698e-01, 4.10715304e-02, 9.42222849e-02,
-8.44184086e-02, -5.12876883e-02, -4.44488749e-02,
4.81732711e-02, -5.41687906e-02, -5.62751926e-02,
7.04289451e-02, -5.68761565e-02, -4.48829979e-02,
5.21873534e-02, 6.80278838e-02, -3.83087508e-02,
-4.51402850e-02, 2.18933877e-02, 2.25656498e-02,
6.10297360e-02, 4.26216312e-02, -4.31139283e-02,
-9.14060920e-02, -1.39347662e-03, 6.59713103e-03,
-3.69258896e-02, 6.12759031e-02, -3.48229185e-02,
-3.90185229e-03, -6.34782985e-02],
[ 1.14950567e-01, 5.84406592e-02, 2.09537726e-02,
-7.15985149e-02, -6.03209808e-02, -9.65502337e-02,
8.36239830e-02, 7.99847394e-02, -2.01503557e-04,
-1.20411754e-01, -4.60575074e-02, -2.84180548e-02,
1.67853739e-02, -1.77993532e-02, -2.54138857e-02,
4.50922735e-02, -2.23527141e-02, 6.27331017e-03,
-3.65236662e-02, -3.12715918e-02, 8.69082510e-02,
-1.14272110e-01, 1.10363755e-02, -3.36165167e-02,
1.58542749e-02, -7.31374249e-02, 1.07128425e-02,
-2.85549406e-02, 4.89766710e-02, -8.71275514e-02,
8.60166028e-02, 6.54619038e-02]],

[[-2.80394256e-02, 2.08282680e-03, -1.31419925e-02,
-1.36734555e-02, -7.04450011e-02, 7.16306642e-02,
5.96740693e-02, 2.35719606e-02, -6.67615607e-02,
1.17068835e-01, 8.69352967e-02, 7.04751816e-03,
4.03595436e-03, 7.77880847e-02, 9.91463959e-02,
9.60133374e-02, -2.42600795e-02, -4.16969396e-02,
-8.41502622e-02, -3.10804918e-02, -8.22852552e-02,
1.03917904e-01, -2.29540803e-02, -7.94791579e-02,
-9.23271179e-02, -2.82714795e-02, 7.20117148e-03,
1.26858223e-02, 1.04738541e-01, -3.67053598e-02,
4.59083021e-02, 7.60779977e-02],
[ 5.06304055e-02, -2.88545620e-02, -4.30636778e-02,
-2.97165327e-02, 7.84261450e-02, -8.63253176e-02,
-7.70443827e-02, -6.64946111e-03, 6.29409030e-02,
-3.15213762e-02, 9.55556929e-02, -9.21413675e-03,
3.51943262e-02, 3.25820148e-02, -4.76874039e-02,
-8.92394111e-02, 6.18276559e-02, 7.51020089e-02,
4.71948795e-02, -1.54464394e-02, -1.48912249e-02,
-2.93481238e-02, 7.48100206e-02, -5.02977781e-02,
-3.22071239e-02, 2.75049154e-02, 1.74467452e-03,

```

```

-3.61933336e-02, -6.65801391e-02, -7.33043775e-02,
5.79426065e-03, 1.89706236e-02],
[ 9.91282761e-02, -1.86619926e-02, 4.18716073e-02,
7.03601241e-02, -2.94600911e-02, -4.62360047e-02,
1.30694807e-01, -9.22678038e-02, 3.78430970e-02,
-5.22881262e-02, -6.81256950e-02, 5.24261184e-02,
6.79387003e-02, -6.79874793e-02, -5.88810258e-02,
-3.67695652e-02, 3.30225267e-02, -4.76121320e-04,
-4.73955348e-02, 3.53738107e-02, 8.90441462e-02,
-1.24743097e-01, -1.18956342e-01, 9.45604369e-02,
-4.22278158e-02, -4.89387065e-02, 3.38910706e-02,
4.90506180e-03, -6.45311596e-03, 1.95049569e-02,
-9.37576313e-03, 1.38884127e-01]]],

[[[-9.38129984e-03, 3.60911451e-02, 2.86545958e-02,
5.59335276e-02, -1.48277376e-02, -2.62767356e-02,
2.26291399e-02, 1.22340191e-02, 4.14798260e-02,
1.07925609e-01, -8.06580931e-02, 2.34341472e-02,
-3.61946300e-02, 4.89503890e-02, 9.04043019e-02,
-9.00792852e-02, -7.34801516e-02, 7.02111721e-02,
-1.63474921e-02, 8.85968357e-02, -3.60531434e-02,
9.63368416e-02, 4.79707569e-02, -9.65453610e-02,
-9.44047887e-03, -8.65098387e-02, -7.98453949e-03,
-2.07858551e-02, -9.98312980e-03, 7.73358420e-02,
-3.08125354e-02, 2.96995733e-02],
[ 1.50691206e-02, 8.73072073e-02, -3.71647552e-02,
3.72999758e-02, -4.85719591e-02, -3.37142386e-02,
3.04321181e-02, -2.95107290e-02, -2.15483923e-02,
1.10520765e-01, -1.73624493e-02, 8.36885571e-02,
-5.47992811e-02, 7.68242702e-02, -6.99438676e-02,
-5.01570553e-02, 3.67236584e-02, -7.59387463e-02,
-4.91901115e-02, -9.72915441e-02, 5.63552557e-03,
-5.34223244e-02, 1.75917484e-02, -8.75344276e-02,
4.58241114e-03, -1.62829657e-03, 5.71284592e-02,
8.14884752e-02, -7.94216171e-02, 3.18319201e-02,
5.73629029e-02, -3.82137075e-02],
[-5.40417656e-02, -5.29284924e-02, 5.19190654e-02,
-6.76667243e-02, 2.72411313e-02, 7.05839470e-02,
9.17228460e-02, -6.79588541e-02, 7.40795732e-02,
-3.74447815e-02, 6.19276166e-02, 3.50888073e-02,
-8.35263059e-02, 8.72717202e-02, 2.36853841e-04,
5.69737405e-02, -2.09182315e-02, -4.37485166e-02,
-9.19154957e-02, 5.32681420e-02, -1.14181507e-02,
-9.79445875e-02, -7.25371614e-02, -8.69952887e-02,
-9.03405715e-03, -7.80714899e-02, -9.44555327e-02,
-6.03910834e-02, -1.54042467e-02, -4.31128293e-02,
-6.99551255e-02, 1.01238191e-01]]],

[[-6.49007112e-02, -5.57047734e-03, 8.29611719e-02,
1.10086650e-01, -9.55022201e-02, 1.52910613e-02,
5.03070354e-02, -2.07885057e-02, 1.28614400e-02,
8.29388052e-02, -4.10829931e-02, 4.95857783e-02,
-6.83096275e-02, -9.54099968e-02, 5.88353798e-02,
6.84590787e-02, -1.18720615e-02, -4.26713564e-03,
-8.84447172e-02, -4.98298109e-02, -3.51554193e-02,
1.45019256e-02, 7.17342868e-02, 5.78802731e-03,
-4.25601900e-02, -3.76665220e-02, 7.40145817e-02,
7.93977454e-02, 1.02924602e-02, -1.75625384e-02,
-8.78387541e-02, 2.86733937e-02],
[-9.45034400e-02, -6.34753108e-02, -7.63047412e-02,
-1.69325862e-02, 5.04516810e-02, -6.38394952e-02,
7.95800611e-03, 9.39635653e-03, -4.56827618e-02,
-1.91808846e-02, 7.50197992e-02, -4.25016433e-02,
-9.73573402e-02, 9.32663456e-02, -2.64518075e-02,
-7.25041330e-02, 3.42223346e-02, 1.03719160e-02,
-2.88533755e-02, 7.79224653e-03, 8.73511881e-02,
1.06946558e-01, -6.25520870e-02, 2.54477514e-03,
-4.33991365e-02, 1.91681087e-02, 1.04595022e-02,
2.72289850e-02, 3.99591867e-03, -2.88168639e-02,
-8.24650750e-02, 2.72739623e-02],
[ 3.03860065e-02, 8.48364308e-02, 4.11344096e-02,

```

```

-6.93597496e-02, -1.46828890e-02, 1.63744446e-02,
8.70265290e-02, -2.80084666e-02, -7.68074468e-02,
-4.47121076e-02, -7.78620467e-02, 5.16049424e-03,
-6.13178350e-02, -4.98085134e-02, -9.49107111e-02,
-6.49276227e-02, -8.78591835e-02, -2.61140876e-02,
-4.63561565e-02, 5.40550351e-02, 1.17498986e-01,
-3.99105921e-02, -4.41006236e-02, -1.15548149e-02,
8.07716697e-03, 7.96685368e-02, 7.87363574e-02,
6.07817322e-02, -1.78734213e-03, 1.35967927e-02,
-7.60934278e-02, 1.25419632e-01]],

[[-8.62806290e-02, 5.66525087e-02, 9.31473300e-02,
-4.80425134e-02, -9.59646329e-02, -8.76782387e-02,
4.09204476e-02, 9.55510661e-02, -3.57879587e-02,
-4.80751432e-02, 3.50613669e-02, -7.45231733e-02,
9.35982540e-02, -9.81405079e-02, 6.13854937e-02,
-2.73067579e-02, 1.35193681e-02, -5.16501591e-02,
5.67190126e-02, -8.97678733e-02, -2.95401774e-02,
2.55476739e-02, 9.54894572e-02, -7.90090263e-02,
8.02491531e-02, 1.96681339e-02, 5.68480156e-02,
-3.64077687e-02, 6.79047108e-02, -8.57229754e-02,
1.87336672e-02, 2.09239963e-03],
[ 6.40510209e-03, 5.96498214e-02, 5.67753464e-02,
3.17270719e-02, -9.41213148e-05, 2.33615786e-02,
2.74155308e-02, -9.11896974e-02, -1.65508839e-03,
8.71020257e-02, 6.98270276e-02, 5.37640266e-02,
8.86004195e-02, -6.78619146e-02, 7.89926499e-02,
-1.73695106e-02, 9.16047171e-02, 4.84176986e-02,
-8.86883866e-03, -7.26692602e-02, -7.01896995e-02,
1.10614114e-01, 5.83013780e-02, -2.12806067e-03,
-8.32166988e-03, -7.86190107e-02, 1.59030668e-02,
3.08044162e-03, 9.71758813e-02, -8.07366520e-02,
1.77525524e-02, 1.06251165e-01],
[ 1.11114651e-01, 4.31835949e-02, 4.80115600e-02,
8.30580592e-02, -1.86690036e-02, -5.55228107e-02,
1.13319211e-01, 7.87715837e-02, 7.74998888e-02,
5.43850427e-03, 7.52096111e-03, -6.76314607e-02,
8.44071954e-02, 2.78974250e-02, -9.18637738e-02,
4.07169983e-02, -3.17303687e-02, -4.38251123e-02,
-5.45892641e-02, -4.46930937e-02, 1.01538487e-01,
-9.28712413e-02, 7.38326758e-02, 1.92579608e-02,
9.61918458e-02, 1.79185402e-02, -1.29413493e-02,
-4.87714671e-02, -5.91744296e-03, 3.72820348e-02,
6.46473607e-03, -4.76489164e-04]]], dtype=float32), array([-3.8789049e-02, 2.4849396e-02, -
4.1167179e-05, -8.6595106e-04, -4.1222639e-02, 2.9795500e-02,
3.6792937e-04, 4.1680135e-02, 2.0103792e-02, -6.7263050e-03,
-7.7081281e-03, -6.8927924e-03, 1.6797258e-02, -2.0536450e-03,
2.4419259e-02, 1.5023501e-04, -1.2357364e-04, -4.0186089e-04,
-4.1207884e-02, 7.0315972e-02, 6.5071166e-02, -6.0202460e-06,
1.5226935e-04, -1.0308810e-04, 3.6528185e-02, 1.8975668e-04,
1.5951687e-02, 1.0771516e-04, -2.7912826e-04, -1.2214358e-03],
dtype=float32), array([[[[ 0.01579306, 0.019261, 0.01610391, ..., 0.02238079,
0.00897599, 0.00403155],
[-0.02218481, 0.00756695, -0.01375667, ..., 0.00142724,
-0.00337824, 0.01735232],
[-0.02349644, -0.00831847, 0.02840047, ..., 0.02221462,
0.00839488, 0.00322511],
...,
[ 0.00696088, 0.02945616, 0.00136467, ..., -0.02363692,
0.02142837, -0.02415246],
[ 0.02111911, 0.0197232, 0.02927036, ..., -0.00108399,
0.01657798, -0.02882954],
[-0.02777117, 0.02079113, 0.00013175, ..., -0.0092622,
-0.00485292, 0.01309989]],
[[-0.0072529, 0.0026218, -0.00911801, ..., 0.02073045,
0.00842446, 0.01498735],
[ 0.02185331, -0.00944126, -0.02546848, ..., -0.02011645,
0.01327268, -0.01157182],
[-0.02151583, 0.02239843, -0.01753148, ..., 0.01430718,
-0.01813103, -0.01997785],
...,

```

```

[ 0.01143155, -0.00803894, -0.00999365, ..., 0.0247209 ,
  0.01800658, -0.02158425],
[-0.02250795, 0.0227115 , 0.00826928, ..., 0.02810485,
 -0.00994213, 0.01110418],
[-0.01766226, 0.0301726 , 0.00958681, ..., 0.03300902,
 -0.00019241, 0.05552485]],

[[ 0.02135286, 0.02343927, 0.02577861, ..., 0.03143448,
 -0.00601545, 0.0065485 ],
 [ 0.00200498, 0.00115889, -0.01446222, ..., 0.00281859,
 -0.02246301, -0.01028644],
 [ 0.00461555, 0.01596741, 0.01584564, ..., 0.0056897 ,
 0.01568556, -0.01304148],
 ...,
 [-0.00348201, -0.01996023, -0.00496768, ..., -0.02292896,
 0.01387045, 0.01973506],
 [-0.02598308, -0.01791429, -0.0165771 , ..., -0.0073747 ,
 -0.00305503, 0.00858896],
 [-0.0261855 , -0.01066475, -0.0200334 , ..., 0.02963638,
 0.01992162, 0.06135628]]],

[[[-0.02801973, 0.01513335, 0.00080122, ..., -0.0072496 ,
 -0.02469086, 0.01233356],
 [ 0.00752938, -0.02118225, 0.0140497 , ..., -0.02232488,
 0.01264467, 0.00153442],
 [ 0.00535814, 0.01066402, 0.01925538, ..., 0.02464323,
 0.03020229, -0.01117949],
 ...,
 [ 0.02395521, -0.0267694 , -0.00582186, ..., -0.00666251,
 -0.01914093, 0.00978871],
 [-0.02235225, -0.01124712, -0.02402567, ..., 0.01957812,
 0.02459286, 0.01667938],
 [-0.00502821, 0.02408905, -0.01392343, ..., 0.03933487,
 0.03023939, 0.04188916]]],

[[[-0.0010608 , 0.01840166, 0.01482924, ..., -0.01648378,
 0.02381845, 0.04012338],
 [-0.02475145, -0.00525914, -0.01898529, ..., 0.01741744,
 -0.00337737, -0.01611543],
 [ 0.01675572, 0.00608927, -0.02505398, ..., -0.02305754,
 0.00688654, 0.02166745],
 ...,
 [-0.00760911, 0.00851175, -0.00153308, ..., -0.01353975,
 -0.02980595, 0.01375984],
 [ 0.02841564, 0.02704025, -0.01924737, ..., -0.00786807,
 0.01702571, 0.01219046],
 [ 0.02794364, 0.00823114, -0.02288452, ..., 0.00212105,
 0.01206451, 0.06402382]]],

[[ 0.02656556, -0.01111299, 0.02057427, ..., -0.01402967,
 0.030353 , -0.00402257],
 [-0.02222834, 0.00434242, -0.0093596 , ..., 0.0149405 ,
 0.01877945, 0.00116864],
 [ 0.02604411, 0.02508184, -0.02530804, ..., 0.02215032,
 -0.02636628, -0.00090351],
 ...,
 [-0.02039592, 0.02475783, 0.00584337, ..., 0.00091988,
 -0.02390546, 0.00675108],
 [ 0.02762588, -0.00845733, 0.01060629, ..., -0.00083991,
 -0.02194289, -0.0094916 ],
 [-0.01773208, -0.01060155, -0.00921004, ..., 0.00831646,
 0.01207653, 0.05504356]]],

[[[ 0.02516947, -0.00938001, -0.01845342, ..., 0.03422977,
 0.02444762, 0.0270909 ],
 [ 0.02486502, -0.02835888, 0.02226266, ..., 0.02194989,
 0.01874742, -0.00604913],
 [ 0.01794149, 0.00976167, 0.01366631, ..., 0.00914054,
 -0.01674508, 0.00405431],
 ...,

```

```

[ 0.02569327, 0.02381174, 0.00940231, ..., -0.02279816,
 -0.02308228, 0.00478367],
[ 0.02668331, 0.01500105, -0.02386093, ..., 0.00706368,
 0.01276848, -0.02045285],
[-0.0280132, 0.02820864, -0.00958938, ..., -0.00013307,
 0.02411498, 0.04165991]],

[[-0.01409364, -0.0166854, -0.0107785, ..., 0.02174151,
 -0.02275354, 0.01111683],
 [ 0.0245764, -0.00033878, 0.00783104, ..., 0.0196765,
 -0.00566763, -0.02218274],
 [-0.01332648, -0.01051698, -0.02085784, ..., -0.01695414,
 -0.01781216, -0.02758171],
 ...,
 [-0.02942959, 0.02351376, 0.01418211, ..., -0.01967874,
 -0.024926, -0.00551411],
 [ 0.0138855, -0.02708866, -0.0257881, ..., 0.00525692,
 0.0236332, -0.02160071],
 [-0.00857733, -0.01475942, 0.00708669, ..., -0.00791569,
 -0.01148214, 0.02559703]],

[[ 0.02148195, -0.01753686, 0.01360559, ..., -0.00208118,
 -0.01863994, 0.04467994],
 [-0.00759828, 0.02395035, -0.02253122, ..., 0.02380041,
 0.03311691, 0.00976358],
 [-0.00522253, 0.0028349, 0.00513298, ..., -0.02531923,
 -0.00625122, 0.02301334],
 ...,
 [-0.02410502, 0.00138218, 0.02202546, ..., 0.02246639,
 -0.02707158, -0.00424749],
 [ 0.00956518, -0.00222783, 0.01662132, ..., -0.02922001,
 -0.02605974, -0.00713794],
 [ 0.02246878, -0.01043066, -0.02047648, ..., 0.02325315,
 -0.01102629, 0.00926922]]], dtype=float32), array([ 2.7244510e-03, 6.1098789e-03, -8.159300
6.5664328e-03, 4.7877524e-02, 5.8181784e-05, 3.6903918e-02,
2.9886562e-02, -9.5242489e-04, 2.8028775e-02, 6.5161273e-02,
4.7044260e-03, 7.6164812e-05, -1.1914888e-02, 7.2567584e-03,
7.4569364e-03, 6.8209520e-05, -8.3340856e-04, 2.6428362e-02,
-2.5469376e-04, 3.7768096e-04, 7.6067529e-04, 7.2794899e-02,
-3.3830114e-05, 2.8637595e-02, 1.4975880e-02, 2.4745492e-02,
2.7168929e-04, -9.9302568e-03, 2.6172791e-03, -2.7397012e-03],
dtype=float32), array([[[[-1.42741818e-02, 2.97737755e-02, -6.16470259e-03, ...,
1.72390640e-02, 2.14807764e-02, -9.28862207e-03],
[ 7.95760099e-03, 2.63939463e-02, 6.10278221e-03, ...,
-2.92665157e-02, -2.41701826e-02, -1.68567505e-02],
[ 8.06138385e-03, 1.89692806e-02, 2.48113256e-02, ...,
6.02356717e-03, -2.61878944e-03, -2.90541295e-02],
...,
[ 1.38850622e-02, -8.11305642e-03, -7.06303585e-03, ...,
-1.02476934e-02, -2.35803165e-02, 1.29541755e-02],
[-5.53964730e-03, -9.36472882e-03, 8.37079622e-03, ...,
2.00820491e-02, 1.69965960e-02, 2.04314850e-03],
[ 2.52173487e-02, -2.66210418e-02, -9.76277236e-03, ...,
1.45395426e-02, -2.64491756e-02, 4.19049636e-02]],

[[ 2.98367068e-02, 2.94158347e-02, -4.71821846e-03, ...,
1.91518925e-02, 2.48635765e-02, -1.56391971e-03],
[-1.45054674e-02, -1.76856890e-02, 1.77434385e-02, ...,
-1.39809595e-02, -1.10546909e-02, -1.17005343e-02],
[ 2.53257789e-02, -1.27263023e-02, 2.78831716e-03, ...,
-2.60069221e-02, 4.12621722e-03, -1.70521031e-03],
...,
[-2.27054115e-02, 3.02706496e-03, -2.25994885e-02, ...,
-6.59525534e-03, -9.60880239e-03, -8.66797939e-03],
[ 1.45411193e-02, -1.96303148e-02, -2.27224492e-02, ...,
1.68814193e-02, -1.43676531e-02, -1.42144654e-02],
[ 2.53183693e-02, 1.23639228e-02, -2.58036014e-02, ...,
-2.32298970e-02, 5.83377853e-03, 3.65489796e-02]],

[[ 2.39975955e-02, -2.30183285e-02, 1.15784975e-02, ...,
9.27265547e-03, 2.81561390e-02, -1.01743340e-02],
[-1.08112926e-02, -1.46999229e-02, 1.42474216e-03, ...,

```

```

-5.10412594e-03, -1.76951028e-02, -1.30328694e-02],
[ 2.61724759e-02, 2.50380654e-02, -1.67668536e-02, ...,
 2.19415426e-02, 4.69835196e-03, -2.53028050e-02],
...,
[-2.64354562e-03, -2.89503522e-02, 6.73753163e-03, ...,
 8.46784003e-03, 2.84663830e-02, 7.35888071e-03],
[ 2.17035180e-03, 2.34617312e-02, -2.84926835e-02, ...,
-5.93506033e-03, 1.58073511e-02, 1.05303805e-02],
[ 2.90828981e-02, 9.30150133e-03, 1.83917023e-02, ...,
 3.54199926e-03, -9.83023737e-03, 2.28042970e-03]]],

[[ [ 2.44268756e-02, -8.10065866e-03, -2.65633073e-02, ...,
 3.88997095e-03, 9.71539121e-04, 2.01932080e-02],
[-9.80451796e-03, 5.22937533e-03, 7.25655491e-03, ...,
-1.92657541e-02, -1.12800142e-02, -2.85878591e-02],
[-7.15028821e-03, 3.49714863e-03, 1.82396527e-02, ...,
-9.90048144e-03, -3.90331075e-03, -2.23687254e-02],
...,
[-2.45573763e-02, -1.43072605e-02, 4.33130981e-03, ...,
-7.09650666e-03, 1.15015148e-03, 2.94328686e-02],
[ 2.57008485e-02, -1.92756336e-02, -6.65148767e-03, ...,
 1.84702165e-02, 2.30999291e-02, 1.94068775e-02],
[-1.49490228e-02, 2.90215146e-02, 2.59929597e-02, ...,
 2.88534053e-02, 1.90090667e-02, 9.58163664e-03]],

[[-4.40773368e-03, -1.66655686e-02, 5.59011800e-03, ...,
 9.22583044e-03, 2.61127762e-02, -6.65118033e-03],
[-1.02356272e-02, 2.11399682e-02, 5.88747347e-03, ...,
 2.11393274e-02, 2.85442993e-02, 8.22272676e-04],
[-1.53790731e-02, 1.80232041e-02, -1.25668459e-02, ...,
 1.90533772e-02, 3.58699425e-03, -2.10882798e-02],
...,
[-2.37226463e-03, 9.83306556e-04, -2.08787490e-02, ...,
-1.65300481e-02, -2.79466696e-02, 1.98619924e-02],
[ 2.40196474e-02, -8.68695788e-03, 6.27920544e-03, ...,
-2.52092555e-02, -4.93652129e-04, 1.54906018e-02],
[ 2.76628393e-03, 1.05641903e-02, -2.32608207e-02, ...,
-1.78826842e-02, -2.53246967e-02, 1.73645571e-03]],

[[ [ 2.96400227e-02, 2.39766650e-02, -2.20902693e-02, ...,
-1.47695662e-02, 2.54496839e-02, 1.23881353e-02],
[-1.13733979e-02, 1.03604691e-02, 6.39700657e-03, ...,
-1.41489124e-02, -1.24702239e-02, 2.57750670e-03],
[-2.26038648e-03, 1.95763521e-02, -2.87624858e-02, ...,
 2.78268512e-02, -7.42521603e-03, 2.87150173e-03],
...,
[-2.96808984e-02, -2.02373601e-02, -1.99369509e-02, ...,
-2.76555885e-02, 2.61154007e-02, 1.63504370e-02],
[ 3.25216656e-03, -1.71595588e-02, -3.66850803e-03, ...,
 2.01723501e-02, 1.46982530e-02, 1.28534231e-02],
[ 1.87174287e-02, -2.45965691e-03, 4.41038096e-03, ...,
-8.85778107e-03, 2.48605181e-02, 7.32968049e-03]]],

[[ [-2.13403814e-02, 1.27670835e-04, -1.32316654e-03, ...,
-5.57326246e-03, -1.89643260e-02, -2.38865167e-02],
[-9.36917495e-03, 2.48381775e-02, -6.32744096e-03, ...,
 2.48404741e-02, 2.86536217e-02, -1.03228446e-02],
[-2.46254727e-02, -2.20842529e-02, -1.81470867e-02, ...,
 4.24421811e-03, -9.39562265e-03, 7.66228698e-03],
...,
[-1.13761034e-02, -2.61477213e-02, 1.81643050e-02, ...,
-1.75443441e-02, -1.64598357e-02, 2.20397487e-02],
[-2.98762452e-02, 1.87906157e-02, -9.11610853e-03, ...,
-2.51991544e-02, 1.16924485e-02, -1.49380881e-02],
[-9.96857788e-03, -2.00042445e-02, -1.14063965e-02, ...,
 7.14733219e-03, 2.42736898e-02, 4.07655574e-02]],

[[ [ 2.58529037e-02, 5.35793835e-03, 1.66100040e-02, ...,
-1.85501277e-02, -1.24199288e-02, -1.64411683e-02],
[-4.99403384e-03, 2.21180804e-02, -3.86459450e-03, ...],

```

```

2.07122210e-02, -1.87287107e-03, 3.20751080e-03],
[ 4.45322413e-03, 2.18726382e-06, -1.78955607e-02, ...,
-9.90123861e-03, -2.89280489e-02, 9.40631144e-03],
...,
[-2.96400525e-02, 1.49483122e-02, 7.99047295e-03, ...,
2.61892118e-02, 5.17276255e-03, -1.25370305e-02],
[-2.74497028e-02, -2.64804251e-02, -1.65423155e-02, ...,
-6.66132662e-03, 1.16279544e-02, 3.16961203e-03],
[-1.12027405e-02, 9.13340878e-03, 2.45412868e-02, ...,
1.26223806e-02, 3.25516723e-02, 5.17199223e-05]],

[[-8.13214501e-05, 2.57370248e-02, 5.52415056e-03, ...,
9.81849618e-03, -1.71310697e-02, -1.39102535e-02],
[ 2.68332046e-02, 1.73321087e-03, 6.27270713e-03, ...,
2.38023289e-02, 2.25165952e-03, 2.83982866e-02],
[ 1.10094622e-02, -1.96502339e-02, -5.83068526e-04, ...,
1.72427278e-02, 1.41351717e-02, -5.75959962e-03],
...,
[-2.78231688e-02, -3.53590702e-03, -2.07910538e-02, ...,
2.06748303e-02, 1.46846315e-02, 6.34451443e-03],
[-1.38738565e-02, 2.28612851e-02, -2.10420531e-03, ...,
-6.33432018e-03, 3.17983469e-03, 1.87775474e-02],
[-2.84940295e-04, -1.97439529e-02, -8.98304023e-03, ...,
-8.38412717e-03, -1.38636576e-02, -3.10806208e-03]]],
dtype=float32), array([-7.97290064e-04, 1.45922909e-02, 9.39500332e-03, 1.03735626e-02,
-1.04718038e-03, 1.05073629e-02, 8.76293983e-03, 2.96596885e-02,
9.99111310e-03, -8.01802520e-03, 7.50256702e-03, 2.95837671e-02,
3.27383983e-03, 1.47149991e-02, -1.42464768e-02, -2.81373714e-03,
2.61717252e-02, 4.79161914e-04, 5.94730489e-03, -4.94941929e-03,
3.86669412e-02, 1.07988445e-02, 5.68213779e-03, 1.91886779e-02,
7.60637410e-03, 1.82727599e-04, 1.32129574e-02, 1.84139349e-02,
3.06922700e-02, 1.93533022e-02, -1.30446663e-03, 2.19007907e-03,
-5.57427062e-04, 9.45928186e-05, 9.15675046e-05, -1.78695435e-03,
9.39726015e-04, 4.75776894e-03, -8.12669867e-04, -7.75509470e-05,
2.14574975e-04, 1.15717743e-02, 9.13425721e-03, 3.14602070e-03,
1.41320489e-02, 1.52920159e-02, 1.35284057e-02, -1.27444830e-04,
2.35010982e-02, 6.44433592e-03, -7.69512122e-03, 5.11572883e-03,
-1.88728061e-03, 1.97378229e-02, -3.91284644e-04, 3.93778639e-04,
6.22449117e-03, 1.91578711e-03, 3.36466059e-02, 6.43297913e-04,
1.35973751e-05, 8.62070546e-03, 5.47219114e-03, 5.42774936e-03],
dtype=float32), array([[[[ 1.37871103e-02, -1.76577587e-02, 1.57097506e-03, ...,
2.05447972e-02, -4.87783487e-04, -3.62967141e-03],
[-3.63662350e-03, 2.01834887e-02, 1.09615605e-02, ...,
-1.09976158e-02, -4.50511370e-03, -9.16118361e-03],
[-1.39482999e-02, 2.11196253e-03, 9.02963046e-04, ...,
2.17723171e-03, -1.78504288e-02, -1.72291212e-02],
...,
[ 5.85543178e-03, -2.09761243e-02, 9.84446611e-03, ...,
-1.95813477e-02, 1.38369855e-02, 1.51733859e-02],
[-1.26689114e-02, 7.68963387e-03, 3.40621360e-03, ...,
-1.56115973e-02, -1.38157262e-02, -1.35528659e-02],
[-2.57741869e-03, 4.12859861e-03, -8.16492457e-03, ...,
-1.27279172e-02, -3.74095468e-03, -1.62458271e-02]],

[[ 9.36318934e-03, -1.77373346e-02, -1.44519825e-02, ...,
1.69935077e-02, 1.02071222e-02, -1.19528668e-02],
[ 2.16095825e-03, 7.55033223e-03, -1.58476713e-03, ...,
-2.09623724e-02, 2.09457800e-02, -1.66927315e-02],
[ 1.58530381e-03, -2.33165128e-03, 2.40890239e-03, ...,
-1.68508869e-02, -1.55122811e-02, -1.29738264e-03],
...,
[-1.03918519e-02, 9.56820603e-03, 8.68475717e-03, ...,
-1.41178705e-02, -1.73287429e-02, 2.08088532e-02],
[-1.40867559e-02, 8.13474506e-03, -1.74321104e-02, ...,
1.56932883e-02, -2.02458855e-02, 2.06836592e-02],
[ 1.51727686e-03, 1.74542237e-02, -9.73002892e-03, ...,
-1.77711677e-02, -8.21081270e-03, 6.15853304e-03]],

[[ 2.64940597e-03, -7.09874928e-03, 2.83090398e-03, ...,
9.77394730e-03, -1.63695903e-03, 3.59279686e-03],
[ 4.80451592e-04, -2.10223645e-02, 8.28269683e-03, ...,
1.74951926e-02, 7.67019205e-03, -1.76606346e-02],

```



```

[-4.86371573e-04, 1.66154653e-02, 1.35072898e-02, ...,
 2.59492965e-03, 3.46713234e-03, -1.48313940e-02],
...,
[-1.82447899e-02, -1.31030111e-02, -8.06646328e-03, ...,
-1.20648379e-02, -1.85558647e-02, 2.23838282e-03],
[-2.08142474e-02, -3.30209587e-04, 2.07644664e-02, ...,
 1.28353015e-02, -6.23909989e-03, -2.17144447e-03],
[ 1.55597599e-02, -1.41837839e-02, 2.06675939e-02, ...,
-3.70991696e-03, -1.17179463e-02, -1.24784941e-02]]],

[[[ 4.04948788e-03, 1.39908614e-02, -1.53965838e-02, ...,
-1.44223403e-02, -6.19221886e-04, -1.71172863e-03],
[ 4.68080194e-04, -2.62499251e-03, -1.71420109e-02, ...,
-5.17185021e-04, 3.52049479e-03, 4.02315427e-03],
[ 2.96573417e-04, 1.60234533e-02, -7.02510355e-03, ...,
-1.86783168e-02, 3.68635030e-03, 1.08936604e-03],
...,
[ 1.79779679e-02, -1.06315473e-02, 1.61571801e-02, ...,
-9.13197699e-04, 2.05726307e-02, -4.55608917e-03],
[ 3.73855745e-03, 2.04114448e-02, 7.66369095e-03, ...,
-1.11683197e-02, 4.14343597e-03, -1.57958199e-03],
[-1.52808418e-02, -1.75059848e-02, 7.91600253e-03, ...,
 7.51751417e-04, -9.74946190e-03, -2.10075732e-02]],

[[-5.64697618e-03, -1.48277506e-02, -2.01752339e-03, ...,
-1.60157289e-02, -1.31298713e-02, -2.05758419e-02],
[-1.78591684e-02, 1.19786551e-02, 4.59845597e-03, ...,
 9.22370516e-03, 1.91636216e-02, -1.43025909e-02],
[-1.31478328e-02, -3.44247906e-03, -1.86743531e-02, ...,
-6.76727062e-03, -1.34030608e-02, -1.07935676e-02],
...,
[ 6.28900155e-03, 8.44354369e-03, 3.21721961e-03, ...,
-1.06501617e-02, -7.38055352e-03, -1.14283757e-02],
[ 1.58623923e-02, 2.95446347e-03, 1.58402044e-02, ...,
 1.01324618e-02, 1.54905021e-02, -1.43923638e-02],
[ 1.54864499e-02, 1.66139398e-02, -1.57551896e-02, ...,
 4.91831033e-03, 1.21391872e-02, -1.05137117e-02]],

[[-2.37286300e-03, -5.50438929e-03, -1.82995852e-02, ...,
-1.73866246e-02, 1.14394061e-05, -1.57777388e-02],
[ 1.79562047e-02, -8.49663839e-03, -1.53685100e-02, ...,
 3.05552920e-03, 1.54618230e-02, -1.72084421e-02],
[ 1.22307353e-02, -1.50923552e-02, 2.13091844e-03, ...,
 2.62928731e-03, 1.52247446e-02, -3.50809842e-03],
...,
[-1.00750923e-02, 1.70542728e-02, 9.41258622e-04, ...,
 1.41642271e-02, -1.73030095e-03, 1.17448233e-02],
[-3.73726408e-03, 1.79578140e-02, 1.04618333e-02, ...,
-1.82700641e-02, -9.32659674e-03, -2.02568099e-02],
[-1.68874450e-02, -3.54961911e-03, 1.57639328e-02, ...,
 9.78901517e-03, -4.94467851e-04, 2.08824724e-02]]],

[[[ 4.43573896e-04, 8.75970814e-03, 3.87447444e-03, ...,
-1.42175946e-02, -8.05029552e-03, 2.32667313e-03],
[-1.47925261e-02, -5.48092229e-03, -1.69902388e-02, ...,
 1.38496207e-02, -2.07770672e-02, 5.14990976e-03],
[ 1.27560282e-02, 1.87294018e-02, -1.77004968e-03, ...,
 9.35717393e-03, 8.27520899e-03, 1.25706214e-02],
...,
[-1.91316418e-02, -4.04132437e-03, 1.62155591e-02, ...,
-3.17753130e-03, -1.08435182e-02, -8.87518469e-03],
[-1.21440431e-02, 8.22567660e-03, 3.97243444e-03, ...,
 1.59808025e-02, -1.89437866e-02, -2.08859146e-02],
[ 6.28639665e-03, -8.62085028e-04, -9.77457222e-03, ...,
 1.33967155e-03, -6.65496988e-03, -1.36799499e-04]],

[[-9.07192845e-03, -1.31700486e-02, -2.03335881e-02, ...,
-3.74445412e-03, -1.21261114e-02, 2.01460700e-02],
[ 8.86705180e-04, 5.98962745e-03, 5.24962787e-03, ...,
 1.23707708e-02, -3.03449365e-03, -1.78354140e-02],

```

```

[ 1.36585897e-02, -1.18630538e-02, -8.57257226e-04, ...,
 -6.84464932e-04, -1.61750074e-02, 8.37212615e-03],
...,
[ 2.03348212e-02, -6.72801444e-03, -9.46227740e-03, ...,
 -1.35238348e-02, -1.08303800e-02, -1.51599078e-02],
[-1.11476136e-02, 1.19221592e-02, -8.66832677e-03, ...,
 8.46835144e-04, 8.65769759e-03, -6.42496673e-03],
[-1.81491468e-02, 1.67496176e-03, 1.86573025e-02, ...,
 -2.28931895e-03, -1.17313014e-02, -2.19269725e-03]],

[[-1.15928296e-02, -2.11151727e-02, -7.19302474e-03, ...,
 -9.24460683e-03, 1.15168588e-02, 1.35453045e-02],
 [-1.07161719e-02, 1.67661831e-02, 3.28128971e-03, ...,
 7.55670294e-03, -1.76565051e-02, -4.07177629e-03],
 [ 2.37861089e-03, 4.08047298e-03, -1.99175961e-02, ...,
 -1.87059939e-02, -1.68187246e-02, 1.98545419e-02],
 ...,
 [ 9.67448670e-03, -1.33346422e-02, 8.69645644e-03, ...,
 -1.19210128e-02, -8.25932063e-03, -2.08545588e-02],
 [-1.41949002e-02, 1.58850495e-02, -1.84946004e-02, ...,
 8.05641711e-03, -1.42975198e-03, 1.07587632e-02],
 [-1.00343386e-02, -2.03079470e-02, 1.13328360e-02, ...,
 -3.36786325e-04, -1.49055673e-02, -1.49296364e-02]]],
dtype=float32), array([ 0.00864472, -0.00172974, 0.00086665, 0.00095216, -0.00071347,
 0.00946421, -0.00041933, 0.02320984, 0.00049087, -0.00538556,
 0.01111264, -0.00932704, -0.00194713, 0.00581286, -0.00066116,
 0.02200814, 0.0027142, 0.00998959, 0.00250983, 0.00880247,
 0.00013997, 0.02347959, 0.01977442, -0.00099853, 0.01589753,
 0.00489151, 0.00338038, 0.00457128, 0.02259768, 0.01613533,
 -0.00615298, 0.01919304, 0.02089433, 0.00479149, 0.00968834,
 -0.00423504, 0.00253578, 0.00404699, 0.02725781, 0.00770734,
 0.01062603, 0.01621092, 0.00621206, 0.01968262, -0.00214059,
 0.00100064, -0.00169648, 0.04473454, 0.01302952, -0.00026915,
 0.00295086, 0.01409288, -0.00302095, 0.00804574, 0.00284785,
 0.01253772, 0.02140038, 0.00303509, 0.001557, 0.00025817,
 0.01884878, -0.00146028, -0.00061897, 0.00316612], dtype=float32), array([[[[-1.82859339e-02, -
 -9.20738373e-03, -6.73198095e-03, -1.44932894e-02],
 [-1.08662173e-02, -1.41214263e-02, -1.87360384e-02, ...,
 5.31391380e-03, -8.32845643e-03, -4.92851716e-03],
 [ 2.00042445e-02, -1.14669856e-02, 1.56528428e-02, ...,
 5.26916981e-03, 2.02375166e-02, 1.51188094e-02],
 ...,
 [-1.39359469e-02, 6.66763354e-03, -5.85690141e-03, ...,
 6.88988483e-03, 9.47020017e-03, 1.81051586e-02],
 [ 9.09801852e-03, -7.05912150e-03, -7.01260054e-04, ...,
 1.90931763e-02, -1.46230613e-03, -3.46210971e-03],
 [ 9.74003598e-03, -1.43841235e-03, 3.52919847e-03, ...,
 -7.32458988e-03, 6.64734980e-03, -1.07465396e-02]],

[[-3.89786251e-03, -8.93334276e-04, -1.64933503e-02, ...,
 -3.88935185e-03, 1.84751879e-02, 8.69332254e-03],
 [-5.21612354e-03, -3.29021551e-03, -1.54773686e-02, ...,
 1.04683544e-02, 1.66120455e-02, 4.91065532e-03],
 [-1.64593682e-02, -5.05403988e-03, 1.39913871e-03, ...,
 -2.26151221e-03, 1.37274694e-02, 4.92829084e-03],
 ...,
 [ 1.75628494e-02, -8.68495088e-03, 1.26754465e-02, ...,
 2.05600038e-02, -1.23668779e-02, -1.76587235e-02],
 [ 6.29154220e-03, 6.62926491e-03, 9.27190483e-03, ...,
 5.82418812e-04, -1.25613101e-02, -3.45571636e-04],
 [ 1.65769346e-02, -1.20046292e-03, -1.10693099e-02, ...,
 -4.79195354e-04, -1.35438582e-02, 1.39279673e-02]],

[ [ 2.90111231e-04, 1.01279060e-03, -2.01793853e-02, ...,
 2.20503472e-03, -6.33550668e-03, -1.39587130e-02],
 [ 1.71198323e-02, 1.38119403e-02, 1.97452344e-02, ...,
 4.43650130e-03, 1.02225374e-02, 8.51182733e-03],
 [ 1.51944496e-02, 1.95491258e-02, -9.09852237e-03, ...,
 -3.97730665e-03, 1.54087786e-02, -1.66190416e-02],
 ...,
 [-5.29939309e-03, -4.65505663e-03, -4.63322783e-03, ...,
 -1.56063689e-02, 1.73629727e-02, 5.39867487e-03],

```

```

[-1.22021455e-02, 1.94587167e-02, 2.01251116e-02, ...,
 4.16069571e-03, -6.76028570e-03, 5.76571656e-05],
[ 7.88278785e-03, 1.96812581e-03, 5.65217948e-03, ...,
-4.51952312e-03, -1.11213392e-02, 1.72907356e-02]]],

[[[-4.53768857e-03, -1.52621008e-02, 1.84964631e-02, ...,
 1.82966422e-02, 1.32454867e-02, 4.34960471e-03],
[-1.43580604e-02, -1.57173991e-03, 1.99067518e-02, ...,
 1.54938474e-02, -1.11311181e-02, 1.74471468e-03],
[-1.51342982e-02, 1.92064494e-02, -1.33029958e-02, ...,
-3.72250378e-03, 3.48053104e-03, -8.76768027e-03],
...,
[-1.73592139e-02, -5.31779602e-03, -1.00903558e-02, ...,
 1.61456019e-02, 4.22916980e-03, 3.04133049e-03],
[-7.59828230e-03, -2.22073682e-03, 5.00687864e-03, ...,
 1.07162539e-03, -3.48500605e-03, 2.05046460e-02],
[-2.01492440e-02, 1.91226453e-02, -2.17168196e-03, ...,
 1.31122684e-02, -1.95244160e-02, 1.93438735e-02]]],

[[[ 1.35180671e-02, -3.84450168e-03, -2.09753383e-02, ...,
 4.38675575e-04, -2.61533610e-03, 7.96858780e-03],
[ 1.86818112e-02, 1.20381825e-02, -4.24699346e-03, ...,
 7.35431386e-04, 1.40611054e-02, 1.53885055e-02],
[ 2.53218273e-03, 5.93809877e-03, -1.54772038e-02, ...,
 1.15363523e-02, -1.87405851e-02, -6.37099100e-03],
...,
[-1.45196053e-03, -7.45412894e-03, 1.28321024e-02, ...,
-2.51226895e-03, 9.67581570e-03, 4.07622987e-03],
[ 1.74675102e-03, 8.96540936e-03, 9.41111241e-03, ...,
 1.06601957e-02, -1.78609770e-02, -1.80184543e-02],
[ 1.56485266e-03, 6.33595791e-03, -1.91598739e-02, ...,
 9.82540473e-03, 1.24014234e-02, 1.95865966e-02]]],

[[[ 1.84992068e-02, 1.87603012e-02, 1.45635884e-02, ...,
 1.92937267e-03, -6.32001599e-03, -5.08875540e-03],
[ 1.01129257e-03, -1.69526320e-02, -2.07167994e-02, ...,
 1.19963782e-02, 1.37072587e-02, -1.30905211e-02],
[-7.74543360e-03, -6.07297756e-03, -1.10567585e-02, ...,
 4.73892037e-03, 8.23586714e-03, 9.79192182e-03],
...,
[ 1.89660061e-02, 7.03878351e-04, -1.54266255e-02, ...,
 1.58966202e-02, -1.68550748e-03, -1.68804824e-02],
[-2.01186128e-02, 5.52609330e-03, -1.28229074e-02, ...,
-1.02704363e-02, -4.18014871e-03, 1.16943149e-02],
[-7.11688679e-03, 3.18822777e-03, -1.47907380e-02, ...,
 1.24549931e-02, -4.19805339e-03, 6.00337191e-03]]],

[[[-7.36565050e-03, -5.61016984e-03, 2.73549231e-04, ...,
-2.12762970e-02, 7.84597243e-04, 1.69195589e-02],
[-1.64789855e-02, 6.65369304e-03, -1.63841173e-02, ...,
-1.31159211e-02, 1.82542410e-02, 1.08668776e-02],
[-1.22617753e-02, -1.18993074e-02, -7.04787439e-03, ...,
 7.11279595e-03, -2.03094212e-03, 6.08131348e-04],
...,
[ 1.44032035e-02, 1.54131958e-02, -4.07895586e-03, ...,
-1.70658939e-02, 3.33605660e-03, 1.19326534e-02],
[ 5.74114593e-03, -1.33345528e-02, -8.16807523e-03, ...,
 1.27983764e-02, 2.41808081e-03, -2.75455834e-03],
[-8.99673440e-03, 5.00823651e-03, -1.73992589e-02, ...,
-1.18363183e-02, 4.05339804e-03, 8.15250445e-03]]],

[[[-6.95911841e-03, -9.46539547e-03, 7.62021029e-03, ...,
 1.59471743e-02, 1.15190037e-02, -6.44029863e-03],
[ 1.26431473e-02, 5.59190707e-03, 1.68664381e-02, ...,
-9.30850022e-03, -1.85631625e-02, -2.06396189e-02],
[ 8.31196085e-03, 2.25410843e-03, -1.81713663e-02, ...,
-5.38792415e-03, 7.17401039e-03, 1.26995761e-02],
...,
[ 9.47711407e-04, -1.51104005e-02, 6.67291228e-03, ...,
 5.66407340e-04, -5.53311082e-03, 1.91331562e-02],

```

```

[-1.10234059e-02, -1.83522105e-04, 7.37593649e-03, ...,
-1.80988442e-02, 4.24921094e-03, 1.14776203e-02],
[ 2.90773896e-04, 1.68029889e-02, 6.36860682e-03, ...,
-1.22354925e-02, -5.47020324e-03, 1.79563891e-02]],

[[ 5.97883947e-03, 6.89774333e-03, -5.39718522e-03, ...,
3.13469395e-03, -1.09477621e-02, 5.47032477e-03],
[ 9.47216898e-03, -1.77744590e-02, -1.25670135e-02, ...,
-3.10398033e-03, -3.17722256e-03, -2.04399507e-02],
[ 1.38806785e-02, 1.00698443e-02, -1.65220052e-02, ...,
-1.54413143e-02, -1.56563837e-02, -6.25952939e-03],
...,
[-1.24725942e-02, 6.73788460e-03, -1.50140934e-02, ...,
9.42618493e-03, 3.92779801e-03, -7.78716523e-03],
[-5.41671598e-03, -5.16974786e-03, 9.33214556e-03, ...,
9.81974043e-03, -6.90963166e-03, 1.50833661e-02],
[ 4.14570654e-03, 1.62458066e-02, 1.33764250e-02, ...,
-2.05774214e-02, 1.20716076e-02, -9.77407862e-03]]],
dtype=float32), array([-4.14741226e-03, 7.59578403e-03, 2.74720904e-03, 1.50773022e-03,
1.37271276e-02, 6.20529195e-03, 6.26508147e-04, 9.84103139e-03,
1.72517393e-02, 1.83218643e-02, 3.83047154e-03, -2.04721908e-03,
8.89782980e-03, -5.19025954e-04, 3.70675186e-03, 3.40319425e-03,
-3.30646569e-03, 6.31106494e-04, 8.92881863e-03, 1.95041226e-04,
7.38422619e-03, 5.53249381e-03, 1.47161195e-02, 1.47250877e-03,
5.06037846e-04, -4.16241726e-03, 1.47286383e-02, 2.26066243e-02,
3.55567113e-02, 2.13120424e-04, 5.17196534e-03, -7.32360204e-05,
1.44866798e-02, -3.82668630e-04, 2.28644829e-04, 1.89467601e-03,
1.77330791e-03, 1.26771452e-02, 5.08053647e-03, -3.52853816e-03,
-2.25738157e-03, 6.55374210e-03, -1.30608585e-03, 1.61875002e-02,
3.64069873e-03, -2.08716793e-03, 7.29330536e-03, 2.76305916e-04,
2.53004473e-05, 5.24709607e-03, 1.65871475e-02, -9.82427737e-04,
-1.07447477e-03, 9.57850134e-04, 2.50575263e-02, 2.05920939e-03,
7.96397962e-03, 7.03491922e-03, 1.78577995e-03, 7.51401950e-03,
-1.98980072e-03, 6.49123965e-03, -3.70248756e-03, -1.18913804e-03,
1.02266883e-02, 3.58227710e-03, 9.83524695e-03, 1.75166584e-03,
-1.75683142e-03, -2.56182277e-03, 9.82341636e-03, 7.83131924e-03,
1.47633031e-02, -3.67373019e-03, 6.42212620e-03, -1.31830777e-04,
-7.91235070e-04, -1.93459127e-04, 2.75520701e-03, -1.66103616e-03,
2.85852328e-03, 1.70796234e-02, 4.94719157e-03, 1.40349260e-02,
-1.75271428e-03, 2.32383721e-02, 1.44734019e-02, 4.30378783e-03,
4.69986582e-03, -4.48462972e-03, 2.63674036e-02, 6.90010318e-04,
6.08729571e-03, 8.59106425e-03, 3.36042722e-03, -4.89898073e-03,
3.48327588e-03, -4.74167085e-04, 3.51152383e-03, -1.36344007e-03,
3.54249938e-03, -2.10073753e-03, 8.91344156e-03, 1.59283460e-03,
-5.68748545e-03, 8.87835491e-03, 1.44977868e-03, -1.13648293e-03,
-3.46562732e-03, 1.90911742e-04, 1.13775311e-02, 1.97477192e-02,
-3.38703953e-03, 9.88951651e-04, 2.70127947e-03, 3.99943534e-03,
5.45312651e-04, -2.46720831e-03, 9.05717665e-04, 6.81206957e-03,
3.17026884e-03, 9.56598029e-04, 8.51658918e-03, -1.33613567e-03,
9.00087692e-03, 2.63747014e-03, 9.77079733e-04, -2.68806820e-03],
dtype=float32), array([[-3.48636881e-03, 1.53649990e-02, -6.49824226e-03, ...,
-1.37528982e-02, 5.27746510e-03, 3.84612032e-03],
[-8.62008892e-03, 1.30695580e-02, -9.88491159e-03, ...,
1.03420150e-02, 4.40337602e-03, 7.00274948e-03],
[-1.20468158e-02, -1.24696381e-02, 2.61418754e-03, ...,
2.88612302e-03, 1.31166466e-02, 9.19617899e-03],
...,
[-5.38048055e-03, -3.45087983e-03, 1.84043834e-03, ...,
7.66073586e-03, -3.73015669e-03, -1.49169157e-03],
[ 5.42725716e-03, -6.09697541e-03, 2.60050967e-03, ...,
-7.76476879e-03, 7.26646744e-03, 9.01047699e-03],
[ 5.39487461e-03, -7.41023920e-04, 7.37825455e-03, ...,
7.93325622e-03, 4.13165614e-03, 6.24793908e-03]],

[[ 4.50261496e-03, -4.13547130e-03, -8.18124320e-03, ...,
9.07404628e-03, -1.08706846e-03, 6.09571254e-03],
[ 1.46627929e-02, 1.22537492e-02, 1.00220973e-02, ...,
1.43042542e-02, 1.44649120e-02, 1.45720532e-02],
[-7.72825617e-04, -9.19357594e-03, -1.49956513e-02, ...,
-1.49416290e-02, -9.35255084e-03, 9.74010117e-03],
...,
[-3.41950171e-03, -2.57113716e-03, -6.83050184e-03, ...,

```

```

-9.80664045e-03, 4.72087486e-05, -4.93870582e-03],
[ 8.29509180e-03, -1.00884782e-02, 2.13617901e-03, ...,
 8.78275838e-03, -9.54407733e-03, -7.89616443e-03],
[-9.10860207e-03, 7.33286515e-03, -9.62931197e-03, ...,
-1.24163425e-03, 1.29874842e-02, -5.01526520e-03]],

[[ 5.75619377e-03, -5.98438783e-06, -7.38692190e-03, ...,
 2.45538569e-04, -1.24004306e-02, 7.54355546e-03],
[-8.11050925e-03, 4.78190952e-04, 5.96861262e-03, ...,
-1.31245470e-02, 1.36400014e-03, 1.24490997e-02],
[-7.40244333e-03, -5.91640454e-03, 1.01787001e-02, ...,
-1.56238778e-02, 1.15084685e-02, 4.31236299e-03],
...,
[-1.15091242e-02, 1.23126293e-02, -8.87137547e-04, ...,
-5.46397921e-03, 5.02148550e-03, -7.36218877e-03],
[-1.09996591e-02, -1.21532110e-02, -8.97646765e-04, ...,
3.29522020e-03, -8.90672486e-03, 6.65798038e-03],
[ 1.04911383e-02, -3.05632339e-03, -1.25629865e-02, ...,
-1.23743117e-02, 1.03434259e-02, 5.71238855e-03]]],

[[[ 3.40509973e-03, -5.52995689e-03, 1.20379180e-02, ...,
-9.50039923e-03, 1.51628964e-02, -2.58836849e-03],
[ 6.95873890e-03, 1.10802371e-02, 9.29150637e-03, ...,
-1.22007485e-02, 1.17683988e-02, 1.03964936e-02],
[ 8.43656191e-04, -1.18705248e-02, -1.04214046e-02, ...,
8.03825818e-03, -1.20988823e-02, -1.14588756e-02],
...,
[-5.77678555e-04, -1.23351822e-02, 1.15427282e-03, ...,
-4.85695805e-03, -3.77060287e-03, 1.11133289e-02],
[ 1.32581275e-02, -1.99012854e-03, 6.08429732e-03, ...,
3.29522020e-03, 8.47416371e-03, -2.14907201e-03],
[ 5.99198230e-03, -1.02352537e-02, 7.11300503e-03, ...,
-1.06981285e-02, 8.65637790e-03, -7.70471385e-03]]],

[[ 4.09956696e-03, -8.67556315e-03, -2.78178207e-03, ...,
-7.90546928e-03, -1.36122806e-02, 3.88451060e-03],
[ 2.12103405e-04, 5.35133993e-03, -3.59199266e-03, ...,
1.21729262e-02, 1.17070721e-02, -1.21454254e-03],
[-1.11100711e-02, -1.41805988e-02, -3.40221706e-03, ...,
6.53122319e-03, 9.85125825e-03, 1.35634858e-02],
...,
[ 1.10374503e-02, -1.25206094e-02, 3.05521535e-04, ...,
-1.35059031e-02, 3.20720836e-03, 1.69394780e-02],
[-4.62007616e-03, 3.36077437e-03, 8.37911852e-03, ...,
7.64706871e-03, 6.38548192e-03, 1.59852731e-03],
[-1.47651965e-02, -1.24070486e-02, 5.00429096e-03, ...,
-7.01124314e-03, -2.61277240e-03, 8.53171293e-03]]],

[[[-1.27248392e-02, 1.25717390e-02, 2.08981638e-03, ...,
3.90894152e-03, -5.87284286e-03, 1.28652714e-02],
[ 1.55240912e-02, 1.10022211e-02, 8.09217244e-03, ...,
-2.05554836e-03, -1.35008302e-02, 7.63421273e-03],
[-1.39196366e-02, -8.89489800e-03, -8.90907180e-03, ...,
-1.07625853e-02, 5.69090853e-03, 1.64100174e-02],
...,
[ 7.97803234e-03, 4.25332971e-03, 1.64349098e-03, ...,
-3.15934257e-03, -1.27679370e-02, 6.84693083e-03],
[-3.42940120e-03, -4.88384347e-03, 4.13956353e-04, ...,
9.25907958e-03, 1.36642596e-02, 3.08192731e-03],
[-1.80534145e-03, -9.40144714e-03, 1.30318869e-02, ...,
-1.34720001e-02, -3.17865168e-03, 1.22350128e-02]]],

[[[ 6.96834503e-03, -1.31355571e-02, 1.27666118e-02, ...,
-5.38905431e-03, 4.45654010e-03, 2.28339247e-03],
[ 6.51077460e-03, -2.85217818e-03, -6.24122564e-03, ...,
1.40561480e-02, -1.05607780e-02, 1.45116141e-02],
[-8.64883047e-03, 6.80342549e-03, 1.42156696e-02, ...,
-3.63729335e-03, 5.92075428e-03, 4.18528123e-03],
...,
[ 1.95904030e-03, -1.23992665e-02, 5.14824828e-03, ...,

```

```

2.86579394e-04, 1.28958076e-02, 1.30091934e-02],
[ 1.36317117e-02, -2.51498219e-04, 8.75972491e-03, ...,
-7.00887584e-04, -3.82745615e-03, -1.19204121e-02],
[ 1.10805547e-02, 3.06093786e-03, -5.30554214e-03, ...,
5.60862478e-03, -1.08313495e-02, 6.31463667e-03]],

[[ 9.83675849e-03, 1.34721585e-02, 8.77115468e-04, ...,
-1.45747615e-02, 2.97719217e-03, -4.38825227e-03],
[ 1.18691949e-02, -1.26783382e-02, 5.76212956e-03, ...,
-4.73279832e-03, 1.02618840e-02, -6.88766828e-03],
[ 1.50410682e-02, -3.90816509e-04, 2.50888552e-05, ...,
-4.71670460e-03, 3.84708727e-03, 1.88269734e-03],
...,
[-3.24951572e-04, 1.25792678e-02, 3.32586840e-03, ...,
1.38026513e-02, 1.00025367e-02, 7.92387500e-03],
[ 1.29621327e-02, 4.49030008e-03, 1.29245864e-02, ...,
-1.03319939e-02, 8.89233052e-05, 3.80148820e-04],
[ 9.79555480e-05, 7.68295396e-03, -7.95136020e-03, ...,
-1.01448745e-02, -1.04827536e-02, 1.07034938e-02]],

[[-1.45919184e-04, -4.58049006e-04, 1.36008039e-02, ...,
1.21013233e-02, -1.34556359e-02, -8.02681316e-03],
[ 6.59828167e-03, -9.18597262e-03, -1.09031005e-02, ...,
-1.27737494e-02, 1.23982914e-02, 2.42965925e-03],
[-1.32451430e-02, 1.09816727e-03, -4.03588731e-03, ...,
-5.84661402e-03, -1.31445890e-02, -4.16392367e-03],
...,
[ 6.92150043e-03, 8.35653674e-03, -7.70864263e-03, ...,
9.89581365e-03, 2.35661468e-03, -6.76208688e-03],
[ 4.09579574e-04, 9.83509328e-03, 9.40386206e-03, ...,
-1.09061357e-02, -1.10196006e-02, -7.05704931e-03],
[-1.42076146e-02, -1.38751685e-03, -8.85908119e-03, ...,
9.52018332e-03, -2.90277950e-03, -1.20031671e-03]]],
dtype=float32), array([ 1.02515938e-02, 1.54363848e-02, -1.55731989e-02, 1.58663429e-02,
7.62598356e-04, -5.30196400e-03, 1.97872240e-02, 1.60846987e-03,
2.28358842e-02, 1.82898308e-03, 1.18689588e-03, 1.74557418e-02,
-1.29260421e-02, 6.99004531e-03, 2.05585714e-02, 1.35969408e-02,
2.05385382e-03, -2.08368478e-03, 3.27741215e-03, 1.51360035e-02,
-1.30288266e-02, 1.09905135e-02, 2.35053245e-02, 6.42048195e-03,
3.73605639e-03, -1.71662366e-03, 8.81729089e-03, 6.32374897e-04,
1.49017281e-03, 2.71518179e-03, 8.62987060e-03, -7.34610204e-03,
-6.62513543e-03, -5.05530741e-03, -1.72328297e-03, 1.16974898e-02,
1.63516216e-02, 2.10430752e-03, 1.44440001e-02, 9.66604799e-03,
-5.37715387e-03, 2.59444700e-03, -3.12398351e-03, 1.75615773e-03,
-1.27015042e-03, 1.91191193e-02, -8.09170597e-04, -2.86381366e-03,
1.16002392e-02, -6.52111368e-03, -1.38690826e-02, 6.24936679e-03,
-2.76493491e-04, 3.21949553e-03, 2.42669210e-02, 1.06722605e-03,
-5.47232805e-04, -2.05180980e-03, -1.71827176e-03, 6.68488350e-03,
2.04729047e-02, 1.49497567e-02, 2.64501548e-03, -1.78350008e-03,
-3.66664468e-03, -2.89877295e-03, -5.24271163e-04, 6.39498420e-03,
7.13124266e-03, -8.63442023e-04, -1.67855214e-05, 1.07764145e-02,
7.77530065e-03, 5.42929210e-03, 2.47832591e-04, 8.49411590e-05,
-1.05962036e-02, -3.60960374e-03, 2.90044700e-03, -2.12394400e-03,
-9.38078109e-03, 1.15133580e-02, 2.70057959e-03, -2.57928716e-03,
-3.11129843e-03, 8.36388953e-03, 9.42978077e-03, 1.14681749e-02,
-2.68442626e-03, 3.01535847e-03, 1.57910096e-03, 1.16153213e-03,
4.39605583e-03, 1.86421338e-03, 4.05525861e-06, 1.58010851e-04,
-6.06725109e-04, 8.69031250e-03, 2.04638913e-04, 1.17554562e-03,
-9.96612757e-03, -1.64591242e-03, -4.07693069e-03, -5.34375245e-03,
8.71100331e-04, 2.03266703e-02, 4.57436458e-04, 7.97206257e-03,
2.73329336e-02, 1.68769509e-02, 2.19386164e-02, 1.52824027e-02,
1.66844606e-04, 4.72152000e-03, 6.59809588e-03, 8.94738920e-03,
1.45926224e-02, 3.95506294e-03, -4.97249374e-03, 1.53850699e-02,
-4.28960775e-04, 7.93925580e-03, -1.86607955e-04, 2.06226273e-03,
5.54575818e-03, 1.35565847e-02, -2.13149993e-04, 4.75285435e-03],
dtype=float32), array([[ -0.03205123, 0.00351399, 0.00011774, ..., -0.0059858 ,
0.04673857, -0.00053606],
[ -0.03119197, 0.04391723, -0.03217389, ..., -0.02247767,
0.03091149, -0.01831152],
[ 0.01096682, 0.01285676, 0.04149239, ..., 0.03739205,
-0.01653563, -0.04362713],
...,

```

```

[ 0.0396291 , -0.02727531,  0.03460447, ..., -0.04026311,
  0.01125576, -0.0037378 ],
[-0.00141798, -0.03319169,  0.01287622, ...,  0.02231095,
 -0.03901497, -0.02241888],
[-0.03984145,  0.01539355,  0.0248941 , ...,  0.02459214,
  0.02487747, -0.04387832]], dtype=float32), array([ 6.88783242e-04, -1.03920000e-03, -2.43000264e-03,
  5.00723021e-04,  1.06543470e-02,  2.65299249e-03, -4.45819134e-03,
 -6.88892230e-03,  2.84770899e-03, -2.22452241e-03, -1.11272486e-04,
  1.32775027e-02, -5.90846874e-03, -5.97508065e-03, -2.37701996e-03,
 -1.02043198e-03,  9.02787223e-03,  1.94494473e-03, -1.59450504e-03,
  1.46873984e-02, -6.19371072e-04, -9.74540540e-04,  3.86001775e-04,
  3.92284291e-03,  1.14520488e-03, -3.75874479e-05,  1.06901741e-02,
 -4.41991584e-03, -1.82964583e-03, -9.61287180e-04, -5.67331852e-04,
  1.27817420e-02, -1.57599978e-03, -8.74890247e-04,  8.52901675e-03,
 -1.86639174e-03,  1.23565076e-02,  1.02961920e-02,  7.65697099e-03,
  1.67134572e-02, -8.32150457e-04, -1.11414480e-03,  3.01819853e-03,
 -3.71761760e-03,  6.88102446e-05, -4.00502607e-03, -4.13784012e-03,
 -3.33600375e-03,  3.07800388e-03, -1.48422056e-04, -5.61493589e-03,
  1.75477853e-05, -5.47095109e-03,  6.78959815e-03, -4.05792985e-03,
 -1.76043180e-03,  7.27115152e-03,  5.99130103e-03, -2.48800172e-03,
  5.27446531e-03,  5.92292286e-04, -3.54508171e-04, -7.93482468e-06,
  1.25723891e-04,  5.98489447e-03, -4.73809242e-03, -8.15010816e-03,
  1.70981162e-03, -6.66696578e-03, -1.80612016e-03,  1.60512496e-02,
 -1.30460213e-03,  1.13706838e-03, -4.64440277e-03,  1.51931448e-02,
 -1.12049456e-03,  1.84213575e-02,  3.92022589e-03, -2.04492058e-03,
 -1.46275153e-03, -3.95281753e-03,  4.98873927e-03,  5.41340560e-04,
 -1.01850391e-03,  5.57850755e-04,  9.64904111e-03,  1.64203588e-02,
  1.05624003e-02, -4.91646724e-03, -2.25703348e-03,  5.65809803e-03,
  1.98914949e-03, -1.05815467e-04, -1.18331413e-03,  7.05195963e-03,
 -5.38718246e-04, -6.07371191e-03,  1.56493075e-02,  2.53140515e-05,
 -7.14123156e-03, -7.39127354e-05,  2.56410381e-03,  2.51247059e-03,
  1.18176891e-02,  1.38484151e-03, -1.46844087e-03, -2.72071746e-04,
 -1.10785954e-03,  6.30060385e-05, -2.19539786e-03,  1.86820924e-02,
  2.69762287e-03,  1.23862047e-02,  2.73093395e-02, -1.13160850e-03,
  4.54581605e-05, -4.51543648e-03, -1.45671284e-03, -2.50256271e-04,
  2.15970904e-05,  1.09892637e-02, -1.27343519e-03, -2.18058517e-03,
  1.16652595e-02,  8.36806372e-03,  1.69271007e-02, -1.10167381e-03],
dtype=float32), array([[ -0.00139834, -0.12550183, -0.02709107, ..., -0.12289529,
 -0.07965703, -0.10946333],
 [-0.10631699, -0.17928116,  0.18663214, ..., -0.11452069,
 -0.18455002,  0.07597151],
 [-0.07871842,  0.09818438, -0.14510146, ...,  0.115683 ,
  0.11143459, -0.04457243],
 ...,
 [ 0.10683606,  0.21309297,  0.03619364, ..., -0.19492702,
 -0.05721571,  0.20466666],
 [-0.1795667 ,  0.16262417, -0.14589483, ..., -0.14194168,
  0.06006363, -0.21545315],
 [-0.10068768,  0.08822544, -0.0394682 , ...,  0.02600738,
  0.10687484, -0.18753517]], dtype=float32), array([ -0.04616278,  0.01304644,  0.00975389, -0.015
 -0.00857718,  0.02420747, -0.01005298, -0.0221392 , -0.00275283],
dtype=float32)]

```