TITLE OF THE PAPER

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ABSTRACT

Abstract.

1 INTRODUCTION

For starters (Krizhevsky et al. (2012)).

In Section 3, we will present our method, we present experiments in Section 4, and in Section 5 we conclude the paper.

2 RELATED WORK

Related work.

3 OUR APPROACH

3.1 SUBSECTION

Inline equations $E_l(\cdot)$.

$$E_l(x) = P_{s_l} f(F_l x) \tag{1}$$

$$C_1(x) = \|x - D_1(E_1(x))\|_2^2 \tag{2}$$

$$C_2(x) = \|x - D_1(D_2(E_2(E_1(x))))\|_2^2 \tag{3}$$

4 EXPERIMENTS AND ANALYSIS

4.1 SUBSECTION

Figure reference: 1.

Table reference: 1

5 CONCLUSIONS

Conclusion.

[*]- Authors contributed equally to this work.

ACKNOWLEDGMENTS

Acknowledgement.

REFERENCES

Alex Krizhevsky, Ilya Sutskever, and Geoffrey E Hinton. Imagenet classification with deep convolutional neural networks. In *Advances in neural information processing systems*, pages 1097–1105, 2012.

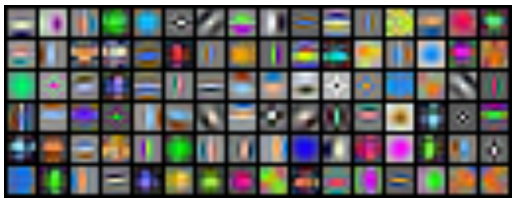

Figure 1: Caption.

Table 1: Table.

Unsupervised to supervised ratio (Samples per Class)	50:1 (100)	10:1 (500)	5:1 (1000)	1:1 (5000)
Tanh CNN	44.48 %	—	64.77 %	77.50 %
Tanh CAE	47.70 %	—	65.65 %	78.20 %
Zero-bias CNN	47.01 %	64.76 %	73.30 %	82.73 %
Zero-bias CAE	**55.45 %**	**68.42 %**	**74.06 %**	**83.64 %**