

# Latex Document

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## 1 Simple Text

In March 2006, Congress raised that ceiling an additional \$0.79 trillion to \$8.97 trillion, which is approximately 68% of GDP. As of October 4, 2008, the “Emergency Economic Stabilization Act of 2008” raised the current debt ceiling to \$11.3 trillion.

## 2 Mathematical Expression

$$\mathbf{h}_v^k \leftarrow \sigma \left( \mathbf{W} \cdot \text{MEAN} \left( \{\mathbf{h}_v^{k-1}\} \cup \{\mathbf{h}_u^{k-1}, \forall u \in \mathcal{N}(v)\} \right) \right) \quad (1)$$

$$\text{AGGREGATE}_k^{\text{pool}} = \max \left( \{\sigma \left( \mathbf{W}_{\text{pool}} \mathbf{h}_{u_i}^k + \mathbf{b} \right), \forall u_i \in \mathcal{N}(v)\} \right) \quad (2)$$

1 tells us that an important distinction between this convolutional aggregator and our other proposed aggregators is that it does not perform the concatenation operation i.e., the convolutional aggregator does concatenate the node’s previous layer. As discussed in [1].

2 tells us that the final aggregator we examine is both symmetric and trainable. In this pooling approach, each neighbor’s vector is independently fed through a fully-connected neural network. As is given in [2].

## 3 Image

In Figure 1, we can see a beautiful scenery of nature.



Figure 1: A beautiful scenery of mountain

## 4 Educational Qualifications

Table 1: Educational Qualifications

Degree	Name of School/College	Marks in CGPA or Percentage	Year of Passing
B.Tech	IIT Bhilai	9.71	2024
12th	Adarsh Public School	95.2%	2023
10th	Jesus and Mary Convent School	91.3%	2021

## References

- [1] Jure Leskovec and Christos Faloutsos. Sampling from large graphs. In *Proceedings of the 12th ACM SIGKDD International Conference on Knowledge Discovery and Data Mining*, KDD '06, page 631–636, New York, NY, USA, 2006. Association for Computing Machinery.
- [2] Rex Ying, Ruining He, Kaifeng Chen, Pong Eksombatchai, William L. Hamilton, and Jure Leskovec. Graph convolutional neural networks for web-scale recommender systems. In *Proceedings of the 24th ACM SIGKDD International Conference on Knowledge Discovery & Data Mining*, KDD '18, page 974–983, New York, NY, USA, 2018. Association for Computing Machinery.