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1   Latex Class 1 - How to add references ?

ResNet [1]

2   Latex Class 2 - How to add a table ?

Messege		
name	class	id
Huan Yang	1	001
Shiye Tabf	2	002
Mazi Zhang	3	003

Table 1: Test Table

Table 1 shows the people who are awesome.

3   Latex Class 3 - How to add a figure ?

I also like dogs Figure 1.

I like to travel, I came to the mountain of life Figure 2.

4   Latex Class 4 - How to add a algorithm ?

References

[1] Kaiming He, Xiangyu Zhang, Shaoqing Ren, and Jian Sun. Deep residual learning for image recognition. *CoRR*, abs/1512.03385, 2015.

Figure 1: this is a dog.

Algorithm 2 Bayesian Personalized Ranking Based Latent Feature Embedding Model

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Input: A,B,C
Output: $(A + B) \times C$
1: SET $D = 0$ as return value
2: **for** i in C **do**
3:    Update $D = D + A \times B$
4: **end for**
5: **return** D

Figure 2: this is the mountain of life.