The Tutorial An Introduction

The Author

August 25, 2019



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Definition

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alert a R a.



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Definition

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Nice

$$\binom{n}{k} = \frac{n!}{k!(n-k)!} \tag{1}$$

$$=\frac{1}{2\pi i} \oint\limits_{\Gamma} \frac{(1+z)^n}{z^{k+1}} \,\mathrm{d}z \tag{2}$$



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RMSProp Adam pmatrix	(3)
$a \times \alpha A A$	(4)
not gate CNOT gate	(5)

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 $\mathcal{X} \mathcal{Y} \mathcal{D}$

• $\operatorname{var} X \leqslant (M - \mathbb{E}X)(\mathbb{E}X - m)$



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- $\operatorname{var} X \leq (M \mathbb{E}X)(\mathbb{E}X m)$
- $KL(P_{\mathsf{data}} \parallel P_{\mathsf{model}})$



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•
$$\operatorname{var} X \leqslant (M - \mathbb{E}X)(\mathbb{E}X - m)$$

• $KL(P_{\mathsf{data}} \parallel P_{\mathsf{model}})$

•

Normal(x |
$$\mu, \sigma^2$$
) (7)



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- **1** a
- **2** b
- **3** c



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- **1** A
- **2** b
- **3** c



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- **1** a
- **2** B
- **3** c



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- **1** a
- **2** b
- **8** C



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Table: Caption

 $A \mathbb{R}$



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Table: Caption





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Table: Caption

Α	\mathbb{R}
а	b
С	d



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Table: Caption

Α	\mathbb{R}
a c	b d
e	f



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Table: Caption

Α	\mathbb{R}
а	b
С	d
е	f
g	h



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a ba ba ba ba b



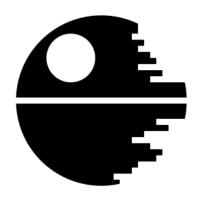
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Includegraphics



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Figure: Death Star

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Subfigures

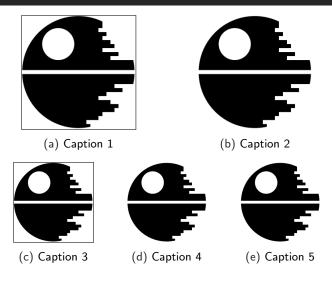


Figure: The caption. *Top*: top. *Bottom*: bottom.

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 Example A
 Example B



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Example A

Example B



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Example A

 $\mathsf{Example}\ \mathsf{B}$



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(Abadi et al., 2016)



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References

Abadi, M., Barham, P., Chen, J., Chen, Z., Davis, A., Dean, J., ... Zheng, X. (2016). Tensorflow: A system for large-scale machine learning. In 12th USENIX symposium on operating systems design and implementation (OSDI 16) (pp. 265-283). Savannah, GA: USENIX Association. Retrieved from https://www.usenix.org/conference/osdi16/technical-sessions/presentation/abadi

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