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Introduction



■ **Table**: Check table 1.

Figure: Check fig. 1.

Block and Equation: Check (1-1).

■ **Theorem**: Check theorem 1.

Algorithm: Check algorithm 1.

■ Slide transition: Check Subsection 2.6.

■ And here we would like to test the references: Zeiler et al.¹, Yang et al.², Dong et al.³.



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¹M. D. Zeiler, D. Krishnan, G. W. Taylor, and R. Fergus, "Deconvolutional networks," in 2010 IEEE Computer Society Conference on Computer Vision and Pattern Recognition, Jun. 2010, pp. 2528–2535.

²J. Yang, Z. Wang, Z. Lin, S. Cohen, and T. Huang, "Coupled dictionary training for image super-resolution," *IEEE Transactions on Image Processing*, vol. 21, no. 8, pp. 3467–3478, Aug. 2012.

³C. Dong, C. C. Loy, K. He, and X. Tang, "Image super-resolution using deep convolutional networks," *IEEE Transactions on Pattern Analysis and Machine Intelligence*, vol. 38, no. 2, pp. 295–307, Feb. 2016.

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Test Table test

■ Test table, which is shown in table 1.

Table: Parameters of Daubechies's filter.

n	h[n]	g[n]
0	0.3327	-0.0352
1	0.8069	-0.0854
2	0.4599	0.1350
3	-0.1350	0.4599
4	-0.0854	-0.8069
5	0.0352	0.3327



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Figure test

■ Test inner subgraphs, i.e. fig. 1(a) and fig. 1(b).

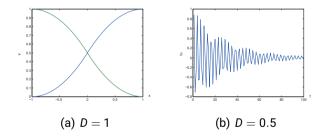


Figure: Test graphs.



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Equation test

■ Test blocked equations, i.e. (1-1), (1-2).

SVM loss function

Here we show a simple example of subequations in (1-1):

$$\frac{\partial \mathcal{L}(\mathbf{w}, b)}{\partial \mathbf{w}} = \mathbf{w} + C \sum_{i} \frac{\partial \ell_{i}}{\partial \mathbf{w}}, \tag{1-1}$$

$$\frac{\partial \mathcal{L}(\mathbf{w}, b)}{\partial b} = C \sum_{i} \frac{\partial \ell_{i}}{\partial b}, \tag{1-2}$$



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Theorem test

■ Test theorems, i.e. theorem 1 and theorem 2.

Theorem (Example Theorem 1)

Nam dui ligula, fringilla a, euismod sodales, sollicitudin vel, wisi. Morbi auctor lorem non justo. Nam lacus libero, pretium at, lobortis vitae, ultricies et, tellus.

Theorem (Example Theorem 2)

Quisque ullamcorper placerat ipsum. Cras nibh. Morbi vel justo vitae lacus tincidunt ultrices. Lorem ipsum dolor sit amet, consectetuer adipiscing elit. In hac habitasse platea dictumst. Integer tempus convallis augue.



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Algorithm test

Test algorithm, i.e. algorithm 1.

Algorithm 1 DWT Algorithm

Input: Sequence x in time domain

Output: Sequence $\hat{\mathbf{x}}$ in wavelet domain

- 1: $N = |\log_2(\operatorname{length}(\mathbf{x}))|$;
- 2: $\mathbf{c}_{N} = \mathbf{x}, \ \hat{\mathbf{x}} = \varnothing;$
- 3. **for** *i* from 1 to *N* **do**
- $\mathbf{c}_{N-i}, \, \mathbf{d}_{N-i} = \text{analysis_filter}(\mathbf{c}_{N-i+1});$
- insert \mathbf{d}_{N-i} at the beginning of $\hat{\mathbf{x}}$.
- 6: end for



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Slide transition test

■ This is transition test, let's begin:



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Slide transition test

- This is transition test, let's begin:
 - This is the first item.



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Slide transition test

- This is transition test, let's begin:
 - This is the first item.
 - This is the second item.



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Demo

Slide transition test

- This is transition test, let's begin:
 - This is the first item.
 - This is the second item.
 - This is the third item.



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Slide transition test

- This is transition test, let's begin:
 - This is the first item.
 - This is the second item.
 - This is the third item.
- We will show 3 items simultaneously.



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Slide transition test

- This is transition test, let's begin:
 - This is the first item.
 - This is the second item.
 - This is the third item.
- We will show 3 items simultaneously.
 - This is the first item.
 - This is the second item.
 - This is the third item.



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Slide transition test

- This is transition test, let's begin:
 - This is the first item.
 - This is the second item.
 - This is the third item.
- We will show 3 items simultaneously.
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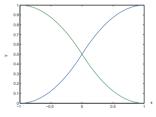


Figure: Test graph.



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Thank you for listening!

IT'S TIME FOR Q&A.