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Date of Intended Use: October 18, 2019
Date of Evaluation: October 16, 2019

The Average "Fairness Level," Based on Your Rating of Each of the 4 Factors, Is:

[see tool disclaimer for important clarifying information]:

Based on the information and justification I have provided above, I, Mohammad Shah Al-Mamun, am asserting this use is FAIR under Section 107 of the U.S. Copyright Code.

Signature: Mohammad Shah Al-Mamun
Date of Signature: 10/16/2019

*Disclaimer: This document is intended to help you collect, organize & archive the information you might need to
support your fair use evaluation. It is not a source of legal advice or assistance. The results are only as good as the input you have provided by are intended to suggest next steps, and not to provide a final judgment. It is recommended that you share this evaluation with a copyright specialist before proceeding with your intended use.
Name: Mohammad Shah Al-Mamun  
Job Title: Research Assistant  
Institution: Virginia Tech  
Title of Work Used: Overview of emerging nonvolatile memory technologies  
Copyright Holder: J. S. Meena, S. M. Sze, U. Chand and T. Y. Tseng  
Publication Status: Published  
Publication Year: 2014  
Description of Work: Adopted from sources referred in [20] of Chapter 1 and used in Fig. 1.6  
Date of Intended Use: October 18, 2019  
Date of Evaluation: October 16, 2019  

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The Average "Fairness Level," Based on Your Rating of Each of the 4 Factors, Is:  

[see tool disclaimer for important clarifying information]:

<table>
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<tr>
<th>Fair</th>
<th></th>
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<th></th>
<th>Unfair</th>
</tr>
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</table>

Based on the information and justification I have provided above, I, Mohammad Shah Al-Mamun, am asserting this use is FAIR under Section 107 of the U.S. Copyright Code.  

Signature: Mohammad Shah Al-Mamun  
Date of Signature: 10/16/2019  

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that you share this evaluation with a copyright specialist before proceeding with your intended use.
Fair Use Evaluation Documentation

Compiled using the Fair Use Evaluator [cc] 2008 Michael Brewer & the Office for Information Technology Policy, http://librarycopyright.net/fairuse/

<table>
<thead>
<tr>
<th>Name:</th>
<th>Mohammad Shah Al-Mamun</th>
</tr>
</thead>
<tbody>
<tr>
<td>Job Title:</td>
<td>Research Assistant</td>
</tr>
<tr>
<td>Institution:</td>
<td>Virginia Tech</td>
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<tr>
<td>Title of Work Used:</td>
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<td>Copyright Holder:</td>
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<td>Publication Status:</td>
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<td>Publisher:</td>
<td></td>
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<tr>
<td>Place of Publication</td>
<td></td>
</tr>
<tr>
<td>Publication Year:</td>
<td></td>
</tr>
</tbody>
</table>

**Description of Work:** Adopted from online sources referred in [15-17] of Chapter 1 and are used in Fig. 1.2.

**Date of Evaluation:** October 16, 2019

**Date of Intended Use:** October 18, 2019

The Average "**Fairness Level,**" Based on Your Rating of Each of the 4 Factors, Is:

[see tool disclaimer for important clarifying information]:

<table>
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<tr>
<th>Fair</th>
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<th></th>
<th>Unfair</th>
</tr>
</thead>
</table>

Based on the information and justification I have provided above, I, Mohammad Shah Al-Mamun, am asserting this use is **FAIR** under Section 107 of the U.S. Copyright Code.

**Signature:** Mohammad Shah Al-Mamun

**Date of Signature:** 10/16/2019

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The Average "Fairness Level," Based on Your Rating of Each of the 4 Factors, Is:

[see tool disclaimer for important clarifying information]:

<table>
<thead>
<tr>
<th>Fair</th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th>Unfair</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Based on the information and justification I have provided above, I, Mohammad Shah Al-Mamun, am asserting this use is **FAIR** under Section 107 of the U.S. Copyright Code.

Signature: **Mohammad Shah Al-Mamun**

Date of Signature: **10/16/2019**
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</thead>
<tbody>
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<td>Job Title</td>
<td>Research Assistant</td>
</tr>
<tr>
<td>Institution</td>
<td>Virginia Tech</td>
</tr>
<tr>
<td>Title of Work Used</td>
<td>The Chip Collection, ICE - Integrated Circuit Engineering Corporation, Ch-7, DRAM TECHNOLOGY</td>
</tr>
<tr>
<td>Copyright Holder</td>
<td>Smithsonian</td>
</tr>
<tr>
<td>Publication Status</td>
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<tr>
<td>Publisher</td>
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<td>Place of Publication</td>
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<td>Publication Year</td>
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<tr>
<td>Description of Work</td>
<td>Adopted from sources referred in [23] of Chapter 1 and used in Table 23</td>
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<tr>
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<td>October 16, 2019</td>
</tr>
<tr>
<td>Date of Intended Use</td>
<td>October 18, 2019</td>
</tr>
</tbody>
</table>

The Average "Fairness Level," Based on Your Rating of Each of the 4 Factors, Is:

[see tool disclaimer for important clarifying information]

Fair ![Fair](https://example.com/fair.png) ![Fair](https://example.com/fair.png) ![Fair](https://example.com/fair.png) ![Fair](https://example.com/fair.png) ![Unfair](https://example.com/unfair.png)
Based on the information and justification I have provided above, I, Mohammad Shah Al-Mamun, am UNDECIDED whether this use if fair under Section 107 of the U.S. Copyright Code.

Signature: Mohammad Shah Al-Mamun
Date of Signature: 10/16/2019

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Name: Mohammad Shah Al-Mamun
Job Title: Research Assistant
Institution: Virginia Tech
Title of Work Used: Spintronics based random access memory: a review
Copyright Holder: S. Bhatti, R. Sbiaa, A. Hirohata, H. Ohno, S. Fukami, S.N. Piramanayagam
Publication Status: Published
Publisher: ScienceDirect
Place of Publication:
Publication Year: 2017
Description of Work: Adopted from sources referred in [11] of Chapter 1 and used in Fig. 1.16
Date of Evaluation: October 16, 2019
Date of Intended Use: October 18, 2019

The Average "Fairness Level," Based on Your Rating of Each of the 4 Factors, Is:

[see tool disclaimer for important clarifying information]:

Based on the information and justification I have provided above, I, Mohammad Shah Al-Mamun, am UNDECIDED whether this use is fair under Section 107 of the U.S. Copyright Code.

Signature: Mohammad Shah Al-Mamun
Date of Signature: 10/16/2019

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Name: Mohammad Shah Al-Mamun
Job Title: Research Assistant
Institution: Virginia Tech
Title of Work Used: Lecture 36: ROM-EPROM, EEPROM and Flash EPROM
Copyright Holder: nptel
Publication Status: Unknown
Publisher:
Place of Publication:
Publication Year:
Description of Work: Adopted from sources referred in [59] of Chapter 1 and used in Fig. 1.17
Date of Evaluation: October 16, 2019
Date of Intended Use: October 18, 2019

The Average "Fairness Level," Based on Your Rating of Each of the 4 Factors, Is:

[see tool disclaimer for important clarifying information]:

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Signature: Mohammad Shah Al-Mamun
Date of Signature: 10/16/2019

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Name: Mohammad Shah Al-Mamun  
Job Title: Research Assistant  
Institution: Virginia Tech  
Title of Work Used: Spintronics based random access memory: a review  
Copyright Holder: S. Bhatti, R. Sbiaa, A. Hirohata, H. Ohno, S. Fukami, S.N. Piramanayagam  
Publication Status: Published  
Publisher: ScienceDirect  
Place of Publication:  
Publication Year: 2017  
Description of Work: Adopted from sources referred in [11] of Chapter 1 and used in Fig. 1.18  
Date of Evaluation: October 16, 2019  
Date of Intended Use: October 18, 2019

The Average "Fairness Level," Based on Your Rating of Each of the 4 Factors, Is:

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Based on the information and justification I have provided above, I, Mohammad Shah Al-Mamun, am UNDECIDED whether this use if fair under Section 107 of the U.S. Copyright Code.

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Institution: Virginia Tech
Title of Work Used: Spintronics based random access memory: a review
Copyright Holder: S. Bhatti, R. Sbiaa, A. Hirohata, H. Ohno, S. Fukami, S.N. Piramanayagam
Publication Status: Published
Publisher: ScienceDirect
Place of Publication:
Publication Year: 2017
Description of Work: Adopted from sources referred in [11] of Chapter 1 and used in Fig. 1.19
Date of Evaluation: October 16, 2019
Date of Intended Use: October 18, 2019

The Average "Fairness Level," Based on Your Rating of Each of the 4 Factors, Is:

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Signature: Mohammad Shah Al-Mamun
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Name: Mohammad Shah Al-Mamun
Job Title: Research Assistant
Institution: Virginia Tech
Title of Work Used: Ferroelectric Random Access Memories
Copyright Holder: H. Ishiware
Publication Status: Published
Publisher: Journal of Nanoscience and Nanotechnology
Place of Publication:
Publication Year: 2012
Description of Work: Adopted from sources referred in [45] of Chapter 1 and used in Fig. 1.20
Date of Evaluation: October 16, 2019
Date of Intended Use: October 18, 2019

The Average "Fairness Level," Based on Your Rating of Each of the 4 Factors, Is:

[see tool disclaimer for important clarifying information]:

Based on the information and justification I have provided above, I, Mohammad Shah Al-Mamun, am UNDECIDED whether this use if fair under Section 107 of the U.S. Copyright Code.

Signature: Mohammad Shah Al-Mamun
Date of Signature: 10/16/2019

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Name: Mohammad Shah Al-Mamun
Job Title: Research Assistant
Institution: Virginia Tech
Title of Work Used: Ferroelectric Random Access Memories
Copyright Holder: H. Ishiware
Publication Status: Published
Publisher: Journal of Nanoscience and Nanotechnology
Place of Publication:
Publication Year: 2012
Description of Work: Adopted from sources referred in [45] of Chapter 1 and used in Fig. 1.21
Date of Evaluation: October 16, 2019
Date of Intended Use: October 18, 2019

Based on the information and justification I have provided above, I, Mohammad Shah Al-Mamun, am asserting this use is **FAIR** under Section 107 of the U.S. Copyright Code.

Signature: Mohammad Shah Al-Mamun
Date of Signature: 10/16/2019

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Name: Mohammad Shah Al-Mamun
Job Title: Research Assistant
Institution: Virginia Tech
Title of Work Used: Ferroelectric Random Access Memories
Copyright Holder: H. Ishiware
Publication Status: Published
Publisher: Journal of Nanoscience and Nanotechnology
Place of Publication: 2012
Description of Work: Adopted from sources referred in [45] of Chapter 1 and used in Fig. 1.22
Date of Evaluation: October 16, 2019
Date of Intended Use: October 18, 2019

The Average "Fairness Level," Based on Your Rating of Each of the 4 Factors, Is:

[see tool disclaimer for important clarifying information]:

Fair Unfair

Based on the information and justification I have provided above, I, Mohammad Shah Al-Mamun, am asserting this use is FAIR under Section 107 of the U.S. Copyright Code.

Signature: Mohammad Shah Al-Mamun
Date of Signature: 10/16/2019

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input you have provided by are intended to suggest next steps, and not to provide a final judgment. It is recommended
that you share this evaluation with a copyright specialist before proceeding with your intended use.
Name: Mohammad Shah Al-Mamun
Job Title: Research Assistant
Institution: Virginia Tech
Title of Work Used: Ferroelectric Memory device-how to store the information for the future?, Master's thesis
Copyright Holder: R.S. Lous
Publication Status: Published
Publisher:
Place of Publication:
Publication Year: 2011
Description of Work: Adopted from sources referred in [47] of Chapter 1 and used in Fig. 1.23
Date of Evaluation: October 16, 2019
Date of Intended Use: October 18, 2019

The Average "Fairness Level," Based on Your Rating of Each of the 4 Factors, Is:

[see tool disclaimer for important clarifying information]:
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**Signature:** Mohammad Shah Al-Mamun

**Date of Signature:** 10/16/2019

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Name: Mohammad Shah Al-Mamun  
Job Title: Research Assistant  
Institution: Virginia Tech  
Title of Work Used: Error Correction Codes for Non-Volatile Memories, Chapter 3-5  
Copyright Holder: R. Micheloni, A. Marelli and R. Ravasio  
Publication Status: Published  
Publisher:  
Place of Publication:  
Publication Year: 2008  
Description of Work: Adopted from sources referred in [54] of Chapter 1 and used in Fig. 1.25  
Date of Evaluation: October 16, 2019  
Date of Intended Use: October 18, 2019  

The Average "Fairness Level," Based on Your Rating of Each of the 4 Factors, Is: 

Based on the information and justification I have provided above, I, Mohammad Shah Al-Mamun, am asserting this use is FAIR under Section 107 of the U.S. Copyright Code.  

Signature: Mohammad Shah Al-Mamun  
Date of Signature: 10/16/2019 

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## Fair Use Evaluation Documentation

Compiled using the **Fair Use Evaluator** [cc] 2008 Michael Brewer & the Office for Information Technology Policy, http://librarycopyright.net/fairuse/

---

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<thead>
<tr>
<th>Name:</th>
<th>Mohammad Shah Al-Mamun</th>
</tr>
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<td>Job Title:</td>
<td>Research Assistant</td>
</tr>
<tr>
<td>Institution:</td>
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<td>Title of Work Used:</td>
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<td>Place of Publication:</td>
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<td>Publication Year:</td>
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<tr>
<td>Description of Work:</td>
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</tbody>
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The Average **"Fairness Level,"** Based on Your Rating of Each of the 4 Factors, Is:

[see tool disclaimer for important clarifying information]:

![Fairness Level Scale](image)

Based on the information and justification I have provided above, I, Mohammad Shah Al-Mamun, am asserting this use is **FAIR** under Section 107 of the U.S. Copyright Code.

Signature: **Mohammad Shah Al-Mamun**

Date of Signature: **10/16/2019**

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Name: Mohammad Shah Al-Mamun
Job Title: Research Assistant
Institution: Virginia Tech
Title of Work Used: Error Correction Codes for Non-Volatile Memories*, Chapter 3-5
Copyright Holder: R. Micheloni, A. Marelli and R. Ravasio
Publication Status: Published
Publisher:
Place of Publication:
Publication Year: 2008
Description of Work: Adopted from sources referred in [54] of Chapter 1 and used in Fig. 1.27
Date of Evaluation: October 16, 2019
Date of Intended Use: October 18, 2019

The Average "Fairness Level," Based on Your Rating of Each of the 4 Factors, Is:
[see tool disclaimer for important clarifying information]:

Based on the information and justification I have provided above, I, Mohammad Shah Al-Mamun, am asserting this use is FAIR under Section 107 of the U.S. Copyright Code.

Signature: Mohammad Shah Al-Mamun
Date of Signature: 10/16/2019

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Name: Mohammad Shah Al-Mamun
Job Title: Research Assistant
Institution: Virginia Tech
Title of Work Used: J. S. Meena, S. M. Sze, U. Chand and T. Y. Tseng
Copyright Holder: J. S. Meena, S. M. Sze, U. Chand and T. Y. Tseng
Publication Status: Published
Publisher: Nanoscale Research Letters
Place of Publication: Nanoscale Research Letters
Publication Year: 2014
Description of Work: Adopted from sources referred in [20] of Chapter 1 and used in Fig. 1.28
Date of Evaluation: October 16, 2019
Date of Intended Use: October 18, 2019

The Average "Fairness Level," Based on Your Rating of Each of the 4 Factors, Is:
[see tool disclaimer for important clarifying information]:

Fair | | | | | | | | Unfair

Based on the information and justification I have provided above, I, Mohammad Shah Al-Mamun, am asserting this use is FAIR under Section 107 of the U.S. Copyright Code.

Signature: Mohammad Shah Al-Mamun
Date of Signature: 10/16/2019

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Name: Mohammad Shah Al-Mamun
Job Title: Research Assistant
Institution: Virginia Tech
Title of Work Used: Error Correction Codes for Non-Volatile Memories, Chapter 3-5
Copyright Holder: R. Micheloni, A. Marelli and R. Ravasio
Publication Status: Published
Publisher:
Place of Publication:
Publication Year: 2008
Description of Work: Adopted from sources referred in [54] of Chapter 1 and used in Fig. 1.29
Date of Evaluation: October 16, 2019
Date of Intended Use: October 18, 2019

The Average "Fairness Level," Based on Your Rating of Each of the 4 Factors, Is:

[see tool disclaimer for important clarifying information]

Based on the information and justification I have provided above, I, Mohammad Shah Al-Mamun, am asserting this use is FAIR under Section 107 of the U.S. Copyright Code.

Signature: Mohammad Shah Al-Mamun
Date of Signature: 10/16/2019

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Name: Mohammad Shah Al-Mamun
Job Title: Research Assistant
Institution: Virginia Tech
Title of Work Used: Error Correction Codes for Non-Volatile Memories, Chapter 3-5
Copyright Holder: R. Micheloni, A. Marelli and R. Ravasio
Publication Status: Published
Publication Year: 2008
Description of Work: Adopted from sources referred in [54] of Chapter 1 and used in Fig. 1.30
Date of Evaluation: October 16, 2019
Date of Intended Use: October 18, 2019

The Average "Fairness Level," Based on Your Rating of Each of the 4 Factors, Is:

Fair Unfair

Based on the information and justification I have provided above, I, Mohammad Shah Al-Mamun, am asserting this use is FAIR under Section 107 of the U.S. Copyright Code.

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Date of Signature: 10/16/2019

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**Name:** Mohammad Shah Al-Mamun  
**Job Title:** Research Assistant  
**Institution:** Virginia Tech  
**Title of Work Used:** Error Correction Codes for Non-Volatile Memories, Chapter 3-5  
**Copyright Holder:** R. Micheloni, A. Marelli and R. Ravasio  
**Publication Status:** Published  
**Publisher:**  
**Place of Publication:**  
**Publication Year:** 2008  
**Description of Work:** Adopted from sources referred in [54] of Chapter 1 and used in Fig. 1.31  
**Date of Evaluation:** October 16, 2019  
**Date of Intended Use:** October 18, 2019

The Average "**Fairness Level,**" Based on Your Rating of Each of the 4 Factors, Is:

[see tool disclaimer for important clarifying information]:

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<tr>
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<td>Virginia Tech</td>
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<tr>
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<td>Error Correction Codes for Non-Volatile Memories, Chapter 3-5</td>
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<td>Published</td>
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<td><strong>Publication Year:</strong></td>
<td>2008</td>
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<td><strong>Description of Work:</strong></td>
<td>Adopted from sources referred in [54] of Chapter 1 and used in Fig. 1.32</td>
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<tr>
<td><strong>Date of Evaluation:</strong></td>
<td>October 16, 2019</td>
</tr>
<tr>
<td><strong>Date of Intended Use:</strong></td>
<td>October 18, 2019</td>
</tr>
</tbody>
</table>

The Average "Fairness Level," Based on Your Rating of Each of the 4 Factors, Is:

[see tool disclaimer for important clarifying information]

Based on the information and justification I have provided above, I, Mohammad Shah Al-Mamun, am asserting this use is **FAIR** under Section 107 of the U.S. Copyright Code.

Signature: Mohammad Shah Al-Mamun

Date of Signature: 10/16/2019

*Disclaimer: This document is intended to help you collect, organize & archive the information you might need to
support your fair use evaluation. *It is not a source of legal advice or assistance. The results are only as good as the input you have provided by are intended to suggest next steps, and not to provide a final judgment. It is recommended that* you share this evaluation with a copyright specialist before proceeding with your intended use.
Name: Mohammad Shah Al-Mamun
Job Title: Research Assistant
Institution: Virginia Tech
Title of Work Used: Error Correction Codes for Non-Volatile Memories, Chapter 3-5
Copyright Holder: R. Micheloni, A. Marelli and R. Ravasio
Publication Status: Published
Publisher:
Place of Publication:
Publication Year: 2008
Description of Work: Adopted from sources referred in [54] of Chapter 1 and used in Fig. 1.33
Date of Evaluation: October 16, 2019
Date of Intended Use: October 18, 2019

The Average "Fairness Level," Based on Your Rating of Each of the 4 Factors, Is:

[see tool disclaimer for important clarifying information]

Based on the information and justification I have provided above, I, Mohammad Shah Al-Mamun, am asserting this use is FAIR under Section 107 of the U.S. Copyright Code.

Signature: Mohammad Shah Al-Mamun
Date of Signature: 10/16/2019

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### Fair Use Evaluation Documentation

**Compiled using the Fair Use Evaluator** [cc] 2008 Michael Brewer & the Office for Information Technology Policy, [http://librarycopyright.net/fairuse/](http://librarycopyright.net/fairuse/)

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<tr>
<th>Name:</th>
<th>Mohammad Shah Al-Mamun</th>
</tr>
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<tbody>
<tr>
<td>Job Title:</td>
<td>Research Assistant</td>
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<td>Institution:</td>
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<td>Lecture 36: ROM-EPROM, EEPROM and Flash EPROM</td>
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<td>Description of Work:</td>
<td>Adopted from sources referred in [59] of Chapter 1 and used in Fig. 1.34</td>
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**The Average "Fairness Level," Based on Your Rating of Each of the 4 Factors, Is:**

[see tool disclaimer for important clarifying information]:

```
Fair  ✓  Fair  Fair  Fair  Fair  Fair  Unfair
```

---

Based on the information and justification I have provided above, I, Mohammad Shah Al-Mamun, am asserting this use is **FAIR** under Section 107 of the U.S. Copyright Code.

**Signature:** Mohammad Shah Al-Mamun  
**Date of Signature:** 10/16/2019

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Name: Mohammad Shah Al-Mamun
Job Title: Research Assistant
Institution: Virginia Tech
Title of Work Used: Lecture 36: ROM-EPROM, EEPROM and Flash EPROM
Copyright Holder: nptel
Publication Status: Unpublished
Publisher:
Place of Publication:
Publication Year:
Description of Work: Adopted from sources referred in [59] of Chapter 1 and used in Fig. 1.35
Date of Evaluation: October 16, 2019
Date of Intended Use: October 18, 2019

The Average "Fairness Level," Based on Your Rating of Each of the 4 Factors, Is:
[see tool disclaimer for important clarifying information]:

| Fair | | | | | | Unfair |
|------|---|---|---|---|---|

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Signature: Mohammad Shah Al-Mamun
Date of Signature: 10/16/2019

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Name: Mohammad Shah Al-Mamun  
Job Title: Research Assistant  
Institution: Virginia Tech  
Title of Work Used:  
Copyright Holder: T-C. Chang  
Publication Status: Published  
Publisher:  
Place of Publication: Materials Today  
Publication Year: 2016  
Description of Work: Adopted from sources referred in [14] of Chapter 1 and used in Table 1.2  
Date of Evaluation: October 16, 2019  
Date of Intended Use: October 18, 2019

The Average **"Fairness Level,"** Based on Your Rating of Each of the 4 Factors, Is:

[see tool disclaimer for important clarifying information]:

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</tr>
</tbody>
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Signature: Mohammad Shah Al-Mamun  
Date of Signature: 10/16/2019

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Name: Mohammad Shah Al-Mamun  
Job Title: Research Assistant  
Institution: Virginia Tech  
Title of Work Used:  
Publication Status: Published  
Publisher:  
Place of Publication: Materials Today, Nanoscale Research Letters  
Publication Year: 2016, 2014  
Description of Work: Adopted from sources referred in [14, 20] of Chapter 1 and used in Table 1.3  
Date of Evaluation: October 16, 2019  
Date of Intended Use: October 18, 2019

The Average "Fairness Level," Based on Your Rating of Each of the 4 Factors, Is:

[see tool disclaimer for important clarifying information]:

Fair           Unfair


Based on the information and justification I have provided above, I, Mohammad Shah Al-Mamun, am asserting this use is FAIR under Section 107 of the U.S. Copyright Code.

Signature: Mohammad Shah Al-Mamun  
Date of Signature: 10/16/2019

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Name: Mohammad Shah Al-Mamun
Job Title: Research Assistant
Institution: Virginia Tech
Title of Work Used: periodic-table
Copyright Holder: 
Publication Status: Unknown
Publisher: 
Place of Publication: online
Publication Year: 
Description of Work: Adopted from sources referred in [78] of Chapter 2 and used in Fig. 2.17
Date of Evaluation: October 16, 2019
Date of Intended Use: October 18, 2019

The Average "Fairness Level," Based on Your Rating of Each of the 4 Factors, Is:
[see tool disclaimer for important clarifying information]:

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Signature: Mohammad Shah Al-Mamun
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The Average "Fairness Level," Based on Your Rating of Each of the 4 Factors, Is:

[see tool disclaimer for important clarifying information]:

Based on the information and justification I have provided above, I, Mohammad Shah Al-Mamun, am asserting this use is FAIR under Section 107 of the U.S. Copyright Code.

Signature: Mohammad Shah Al-Mamun
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Name: Mohammad Shah Al-Mamun  
Job Title: Research Assistant  
Institution: Virginia Tech  
Title of Work Used:  
Copyright Holder: BYU  
Publication Status: Unknown  
Publisher:  
Place of Publication: online  
Publication Year:  
Description of Work: Adopted from sources referred in [1] of Chapter 3 and used in Fig. 3.4  
Date of Evaluation: October 16, 2019  
Date of Intended Use: October 18, 2019

The Average "Fairness Level," Based on Your Rating of Each of the 4 Factors, Is:  

[see tool disclaimer for important clarifying information]

Based on the information and justification I have provided above, I, Mohammad Shah Al-Mamun, am asserting this use is FAIR under Section 107 of the U.S. Copyright Code.

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Date of Signature: 10/16/2019

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<td><strong>Title of Work Used:</strong></td>
<td>Dependence of Set, Reset and Breakdown Voltages of a MIM Resistive Memory Device on the Input Voltage Waveform</td>
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The Average "Fairness Level," Based on Your Rating of Each of the 4 Factors, Is:

[see tool disclaimer for important clarifying information]:

Fair: ✔️  ✔️  ✔️  ✔️  ✔️  ✔️  Unfair
Based on the information and justification I have provided above, I, Mohammad Shah Al-Mamun, am asserting this use is FAIR under Section 107 of the U.S. Copyright Code.

Signature: Muhammad Shah Al-Mamun
Date of Signature: 10/16/2019

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