

# Fair Use Evaluation Documentation

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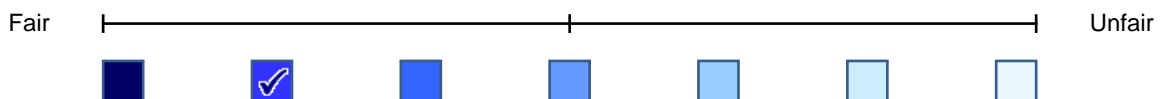
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<b>Name:</b>	Matthew P Meeder
<b>Job Title:</b>	Graduate Research Assistant
<b>Institution:</b>	Virginia Tech
<b>Title of Work Used:</b>	Chemical Bonds Figure
<b>Copyright Holder:</b>	Encyclopedia Britannica
<b>Publication Status:</b>	Unpublished
<b>Publisher:</b>	
<b>Place of Publication:</b>	
<b>Publication Year:</b>	2007
<b>Description of Work:</b>	This is a figure showing the different types of chemical bonds
<b>Date of Evaluation:</b>	July 12, 2016
<b>Date of Intended Use:</b>	July 12, 2016

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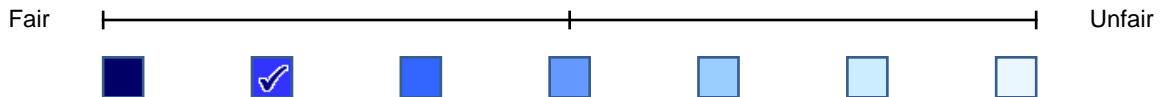
Describe the **Purpose** and Character of Your Intended Use:

Masters Thesis  
[+] Use is for "criticism, comment, news reporting, teaching, (including multiple print copies for classroom use), scholarship or research"  
[+] Use is transformative, i.e. it uses the existing work in a new way (creates an index to the work) or for a new purpose (parody, pastiche, instructional materials, etc.) Transformative works are favored because the purpose of U.S. Copyright Law is to encourage the development and dissemination of new knowledge to benefit the public and thereby advance learning.  
[+] Use is not-for-profit  
[+] Use is socially beneficial (promotes the creation of new knowledge, learning, etc.) [define how]  
[+] Use is clearly defined and is restricted in scope (limited duration, not iterative, restricted access, etc.)  
[+] Use is one-time, or is only occasional or spontaneous



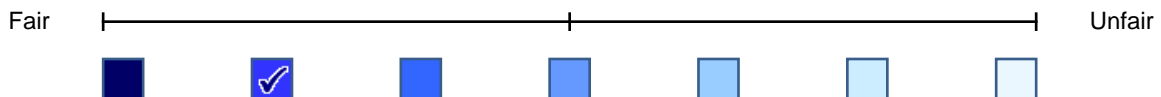
Describe the **Nature** of Your Intended Use of the Copyrighted Work:

[+] Work to be used contains limited new knowledge, content, or creative expression (in relation to previously copyrighted works)  
[+] Work to be used is primarily of a factual nature (non-fiction, collection of facts, etc.)  
[+] Original work was not created and/or has not been marketed for the stated purpose of the proposed use  
[+] Work to be used has been previously PUBLISHED



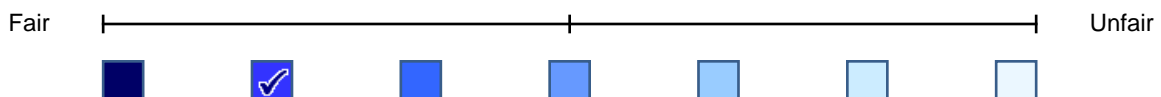
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[+] If the entire work is to be used (which would NOT favor the use being fair), it is clear that no less than the entire work will achieve the stated purpose of the use (e.g. use of a photograph, a short poem, an article, etc.)  
[+] The amount used falls within widely recognized fair use guidelines\* vetted by key stakeholder groups [reference guidelines]



Describe the **Effect** of Your Intended Use on the Potential Market or Value of the Copyrighted Work:

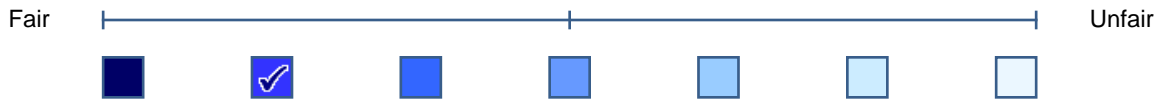
[+] The work is NOT currently under commercial exploitation (out of print, no licensing available, etc.)  
[+] The copyright holder cannot be identified or cannot be found after a reasonable search, or, once found does not respond (one way or another) to requests for permission to use the work  
[+] Use of the work has the potential to create or improve the market for the work  
[+] Proper attribution will be given with the intended use



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, Matthew P Meeder, am asserting this use is **FAIR** under Section 107 of the U.S. Copyright Code.

Signature: Matthew P Meeder

Date of Signature: 7/14/2016

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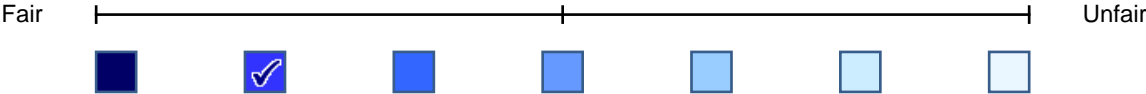
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<b>Name:</b>	Matthew P Meeder
<b>Job Title:</b>	Graduate Research Assistant
<b>Institution:</b>	Virginia Tech
<b>Title of Work Used:</b>	Figure of Metallic Bonding
<b>Copyright Holder:</b>	Encyclopedia Britannica
<b>Publication Status:</b>	Published
<b>Publisher:</b>	
<b>Place of Publication:</b>	
<b>Publication Year:</b>	2007
<b>Description of Work:</b>	This is a figure showing the fluidity of metallic bonds.
<b>Date of Evaluation:</b>	July 12, 2016
<b>Date of Intended Use:</b>	July 12, 2016

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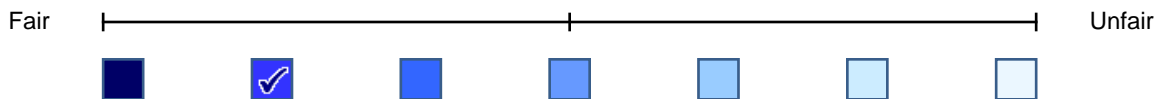
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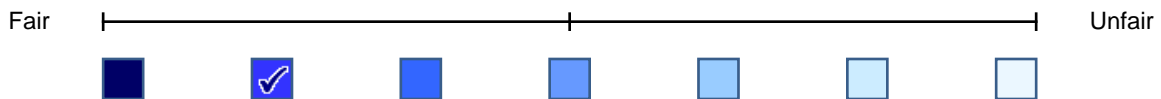
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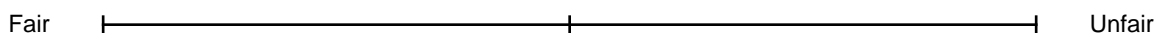
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[+] Only the amount required to achieve the stated, socially-beneficial purpose or objective will be used (be that educational, artistic, scholarly, journalistic, etc.)



Describe the **Effect** of Your Intended Use on the Potential Market or Value of the Copyrighted Work:

[+] The work is NOT currently under commercial exploitation (out of print, no licensing available, etc.)  
[+] A market for the work as it will be used is absent or is negligible & use of the work will have little or no negative impact on its value or potential value  
[+] Use of the work minimizes the potential for unauthorized use that could impact its value (i.e. steps are taken to ensure the content is not used outside of the stated purpose or audience)  
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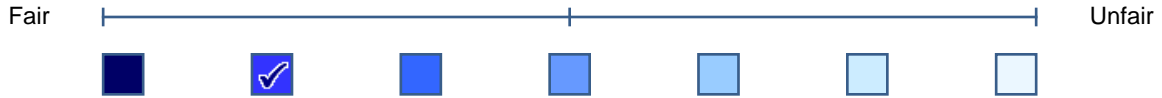




The Average **"Fairness Level,"** Based on Your Rating of Each of the 4

Factors, Is:

[\[see tool disclaimer for important clarifying information\]:](#)



Based on the information and justification I have provided above, I, Matthew P Meeder, am asserting this use is **FAIR** under Section 107 of the U.S. Copyright Code.

Signature: Matthew P Meeder

Date of Signature: 7/14/2016

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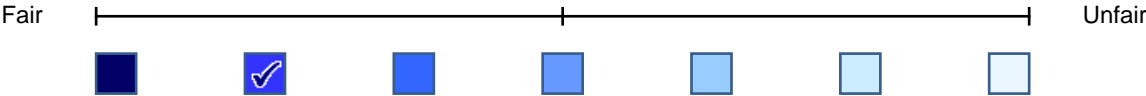
---

<b>Name:</b>	Matthew p Meeder
<b>Job Title:</b>	Graduate Research Assistant
<b>Institution:</b>	Virginia Tech
<b>Title of Work Used:</b>	Patent for François Willème's Photosculpting Rig
<b>Copyright Holder:</b>	Patent Office
<b>Publication Status:</b>	Published
<b>Publisher:</b>	
<b>Place of Publication:</b>	
<b>Publication Year:</b>	1864
<b>Description of Work:</b>	This is a photo of the original patent for Francois Willemes Photosculpting Rig
<b>Date of Evaluation:</b>	July 12, 2016
<b>Date of Intended Use:</b>	July 12, 2016

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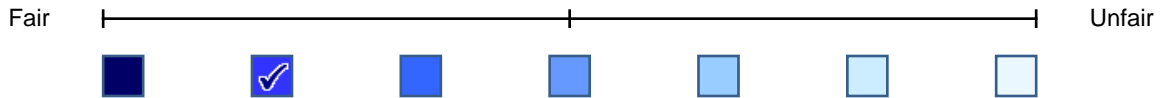
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- [+] Use is not-for-profit
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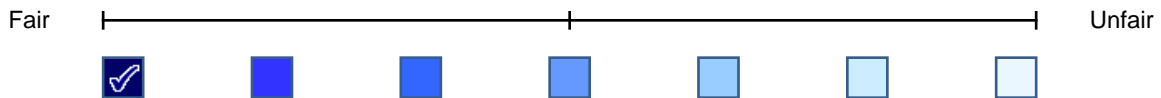
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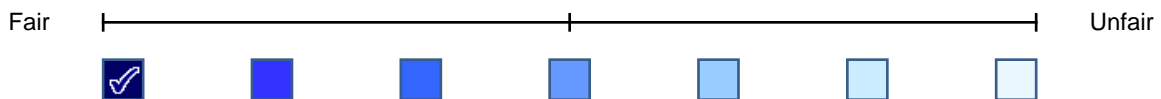
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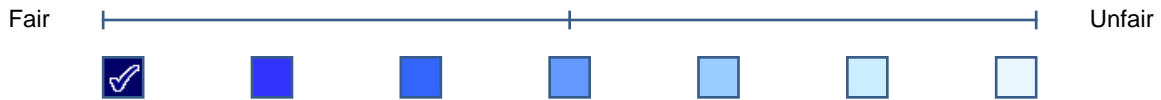




The Average **"Fairness Level,"** Based on Your Rating of Each of the 4

Factors, Is:

[\[see tool disclaimer for important clarifying information\]:](#)



Based on the information and justification I have provided above, I, Matthew p Meeder, am asserting this use is **FAIR** under Section 107 of the U.S. Copyright Code.

Signature: Matthew p Meeder

Date of Signature: 7/14/2016

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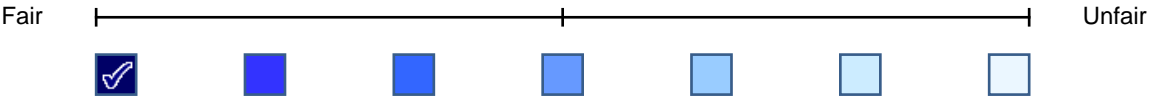
---

<b>Name:</b>	Matthew P Meeder
<b>Job Title:</b>	Graduate Research Assistant
<b>Institution:</b>	Virginia Tech
<b>Title of Work Used:</b>	Photo of a Copper Printed Rocket Nozzle
<b>Copyright Holder:</b>	Marshalls Materials and Processing Laboratory
<b>Publication Status:</b>	Published
<b>Publisher:</b>	NASA
<b>Place of Publication:</b>	nasa.gov
<b>Publication Year:</b>	2015
<b>Description of Work:</b>	This is a photo of NASA's printed copper rocket engine.
<b>Date of Evaluation:</b>	July 12, 2016
<b>Date of Intended Use:</b>	July 12, 2016

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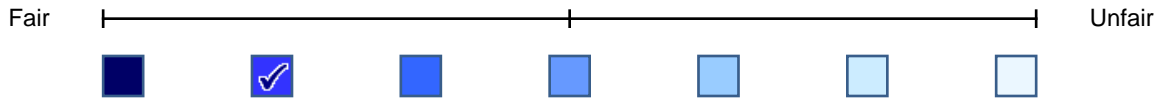
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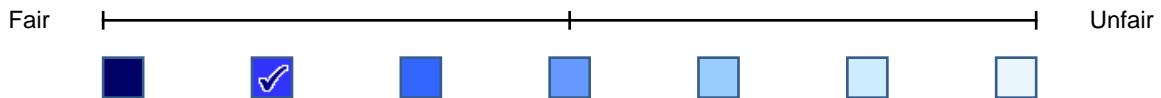
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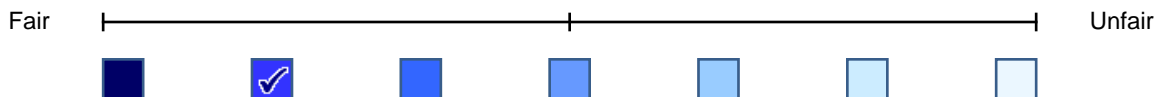
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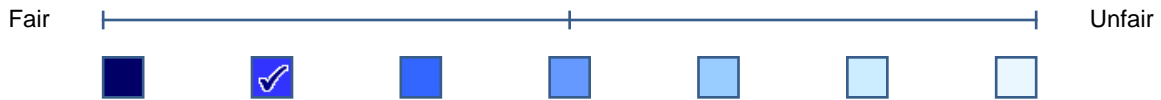
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[\[see tool disclaimer for important clarifying information\]:](#)



Based on the information and justification I have provided above, I, Matthew P Meeder, am asserting this use is **FAIR** under Section 107 of the U.S. Copyright Code.

Signature: Matthew P Meeder

Date of Signature: 7/14/2016

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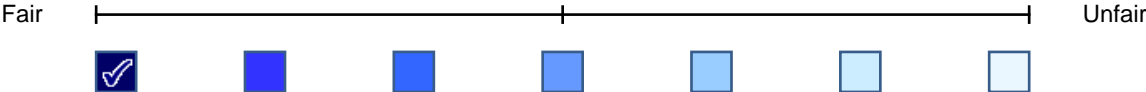
---

<b>Name:</b>	Matthew P Meeder
<b>Job Title:</b>	Graduate Research Assistant
<b>Institution:</b>	Virginia Tech
<b>Title of Work Used:</b>	Photo of a Modified Transient Plane Source
<b>Copyright Holder:</b>	
<b>Publication Status:</b>	Unknown
<b>Publisher:</b>	
<b>Place of Publication:</b>	
<b>Publication Year:</b>	
<b>Description of Work:</b>	This is a cartoon photo of a modified transient plane source machine.
<b>Date of Evaluation:</b>	July 12, 2016
<b>Date of Intended Use:</b>	July 12, 2016

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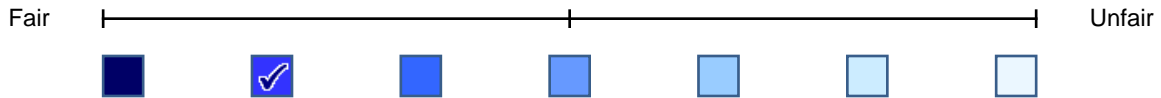
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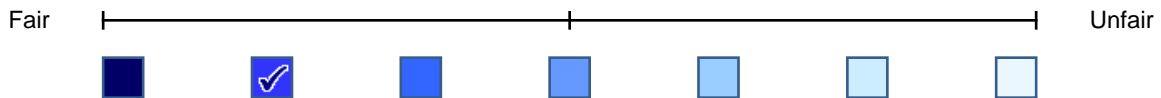
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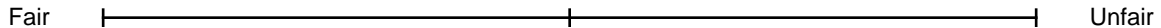
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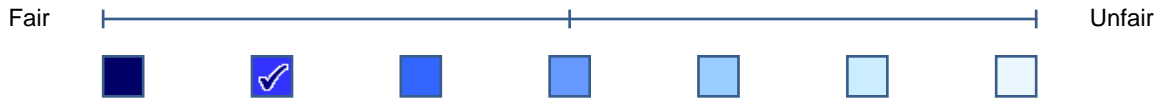




The Average **"Fairness Level,"** Based on Your Rating of Each of the 4

Factors, Is:

[\[see tool disclaimer for important clarifying information\]:](#)



Based on the information and justification I have provided above, I, Matthew P Meeder, am **UNDECIDED** whether this use is fair under Section 107 of the U.S. Copyright Code.

Signature: Matthew P Meeder

Date of Signature: 7/14/2016

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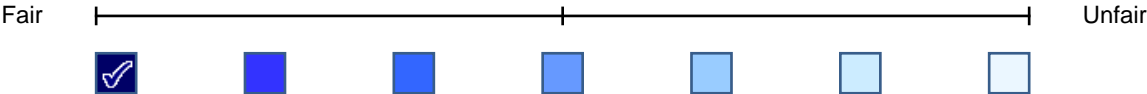
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<b>Name:</b>	Matthew P Meeder
<b>Job Title:</b>	Graduate Research Assistant
<b>Institution:</b>	Virginia Tech
<b>Title of Work Used:</b>	Photo of a Transient Plane Source Method
<b>Copyright Holder:</b>	Science Partner
<b>Publication Status:</b>	Unknown
<b>Publisher:</b>	
<b>Place of Publication:</b>	
<b>Publication Year:</b>	
<b>Description of Work:</b>	This is a photo of a Transient Plane Source Method for measuring thermal Conductivity of a material.
<b>Date of Evaluation:</b>	July 12, 2016
<b>Date of Intended Use:</b>	July 12, 2016

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Describe the **Purpose** and Character of Your Intended Use:

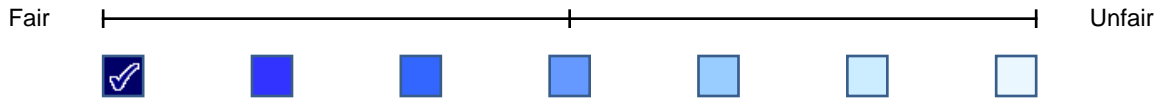
Masters Thesis photo  
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[+] Use is not-for-profit  
[+] Use is socially beneficial (promotes the creation of new knowledge, learning, etc.) [define how]  
[+] Use is clearly defined and is restricted in scope (limited duration, not iterative, restricted access, etc.)  
[+] Use is one-time, or is only occasional or spontaneous





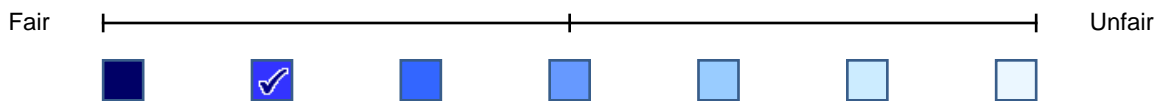
Describe the **Nature** of Your Intended Use of the Copyrighted Work:

- [+] Work to be used contains limited new knowledge, content, or creative expression (in relation to previously copyrighted works)
- [+] Work to be used is primarily of a factual nature (non-fiction, collection of facts, etc.)
- [+] Original work was not created and/or has not been marketed for the stated purpose of the proposed use



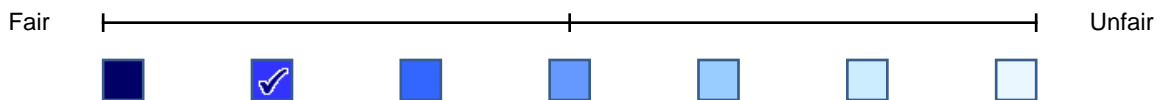
Describe the **Amount** of Your Intended Use in Relation to the Copyrighted Work as a Whole:

- [+] The portion used is not the "heart" of the work (the portion considered most central to the work as a whole)
- [+] Only the amount required to achieve the stated, socially-beneficial purpose or objective will be used (be that educational, artistic, scholarly, journalistic, etc.)
- [+] If the entire work is to be used (which would NOT favor the use being fair), it is clear that no less than the entire work will achieve the stated purpose of the use (e.g. use of a photograph, a short poem, an article, etc.)
- [+] The amount used falls within widely recognized fair use guidelines\* vetted by key stakeholder groups [reference guidelines]



Describe the **Effect** of Your Intended Use on the Potential Market or Value of the Copyrighted Work:

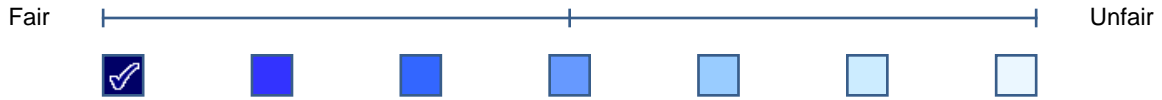
- [+] A market for the work as it will be used is absent or is negligible & use of the work will have little or no negative impact on its value or potential value
- [+] Use of the work has the potential to create or improve the market for the work
- [+] Use of the work minimizes the potential for unauthorized use that could impact its value (i.e. steps are taken to ensure the content is not used outside of the stated purpose or audience)
- [+] Proper attribution will be given with the intended use



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, Matthew P Meeder, am **UNDECIDED** whether this use is fair under Section 107 of the U.S. Copyright Code.

Signature: Matthew P Meeder

Date of Signature: 7/14/2016

**\*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.

# Fair Use Evaluation Documentation

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

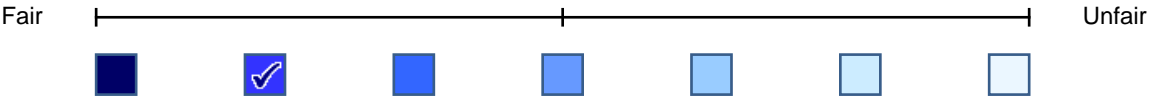
---

<b>Name:</b>	Matthew p Meeder
<b>Job Title:</b>	Graduate Research Assistant
<b>Institution:</b>	Virginia Tech
<b>Title of Work Used:</b>	Photo of ASTM F2792:12a chart
<b>Copyright Holder:</b>	ASTM
<b>Publication Status:</b>	Published
<b>Publisher:</b>	ASTM
<b>Place of Publication:</b>	
<b>Publication Year:</b>	2012
<b>Description of Work:</b>	This is a photo of a chart from the ASTM F2792:12a
<b>Date of Evaluation:</b>	July 12, 2016
<b>Date of Intended Use:</b>	July 12, 2016

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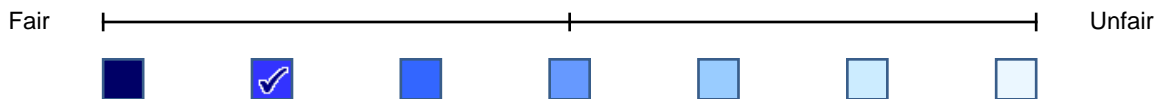
Describe the **Purpose** and Character of Your Intended Use:

[+] Use is for "criticism, comment, news reporting, teaching, (including multiple print copies for classroom use), scholarship or research"  
[+] Use is transformative, i.e. it uses the existing work in a new way (creates an index to the work) or for a new purpose (parody, pastiche, instructional materials, etc.) Transformative works are favored because the purpose of U.S. Copyright Law is to encourage the development and dissemination of new knowledge to benefit the public and thereby advance learning.  
[+] Use is socially beneficial (promotes the creation of new knowledge, learning, etc.) [define how]  
[+] Use is not-for-profit  
[+] Use is clearly defined and is restricted in scope (limited duration, not iterative, restricted access, etc.)  
[+] Use is one-time, or is only occasional or spontaneous



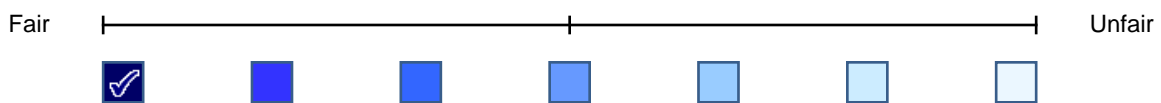
Describe the **Nature** of Your Intended Use of the Copyrighted Work:

[+] Work to be used has been previously PUBLISHED  
[+] Work to be used contains limited new knowledge, content, or creative expression (in relation to previously copyrighted works)  
[+] Work to be used is primarily of a factual nature (non-fiction, collection of facts, etc.)  
[+] Original work was not created and/or has not been marketed for the stated purpose of the proposed use



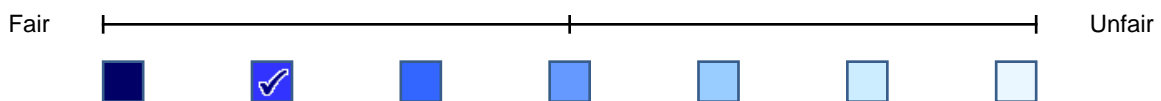
Describe the **Amount** of Your Intended Use in Relation to the Copyrighted Work as a Whole:

[+] Only limited and reasonable portions will be used  
[+] The portion used is not the "heart" of the work (the portion considered most central to the work as a whole)  
[+] If the entire work is to be used (which would NOT favor the use being fair), it is clear that no less than the entire work will achieve the stated purpose of the use (e.g. use of a photograph, a short poem, an article, etc.)  
[+] The amount used falls within widely recognized fair use guidelines\* vetted by key stakeholder groups [reference guidelines]



Describe the **Effect** of Your Intended Use on the Potential Market or Value of the Copyrighted Work:

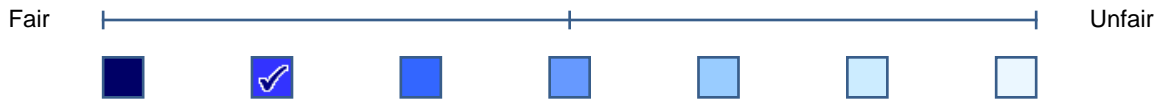
[+] The work is NOT currently under commercial exploitation (out of print, no licensing available, etc.)  
[+] A market for the work as it will be used is absent or is negligible & use of the work will have little or no negative impact on its value or potential value  
[+] The copyright holder cannot be identified or cannot be found after a reasonable search, or, once found does not respond (one way or another) to requests for permission to use the work  
[+] Use of the work minimizes the potential for unauthorized use that could impact its value (i.e. steps are taken to ensure the content is not used outside of the stated purpose or audience)  
[+] Proper attribution will be given with the intended use



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

Factors, Is:

[\[see tool disclaimer for important clarifying information\]:](#)



**Other** Important Criteria:

Use is for a Masters Thesis

Based on the information and justification I have provided above, I, Matthew p Meeder, am asserting this use is **FAIR** under Section 107 of the U.S. Copyright Code.

Signature: Matthew P Meeder  
Date of Signature: 7/14/2016

**\*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.

# Fair Use Evaluation Documentation

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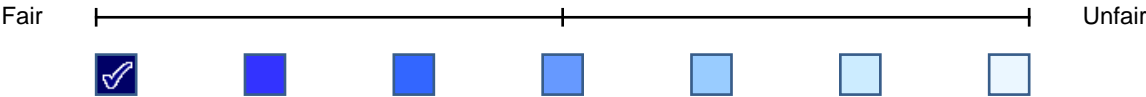
---

<b>Name:</b>	Matthew P Meeder
<b>Job Title:</b>	Graduate Research Assistant
<b>Institution:</b>	Virginia Tech
<b>Title of Work Used:</b>	Schematic of a four wire resistance method
<b>Copyright Holder:</b>	Jerry Janesch
<b>Publication Status:</b>	Unknown
<b>Publisher:</b>	
<b>Place of Publication:</b>	
<b>Publication Year:</b>	
<b>Description of Work:</b>	Schematic of a four wire resistance method.
<b>Date of Evaluation:</b>	July 12, 2016
<b>Date of Intended Use:</b>	July 12, 2016

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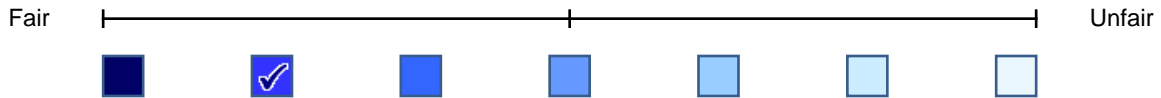
Describe the **Purpose** and Character of Your Intended Use:

Masters Thesis [+] Use is for "criticism, comment, news reporting, teaching, (including multiple print copies for classroom use), scholarship or research"  
[+] Use is transformative, i.e. it uses the existing work in a new way (creates an index to the work) or for a new purpose (parody, pastiche, instructional materials, etc.) Transformative works are favored because the purpose of U.S. Copyright Law is to encourage the development and dissemination of new knowledge to benefit the public and thereby advance learning.  
[+] Use is socially beneficial (promotes the creation of new knowledge, learning, etc.) [define how]  
[+] Use is not-for-profit  
[+] Use is clearly defined and is restricted in scope (limited duration, not iterative, restricted access, etc.)  
[+] Use is one-time, or is only occasional or spontaneous



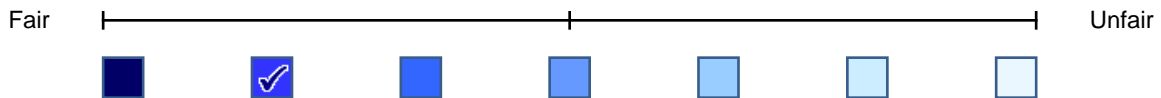
Describe the **Nature** of Your Intended Use of the Copyrighted Work:

- [+] Work to be used contains limited new knowledge, content, or creative expression (in relation to previously copyrighted works)
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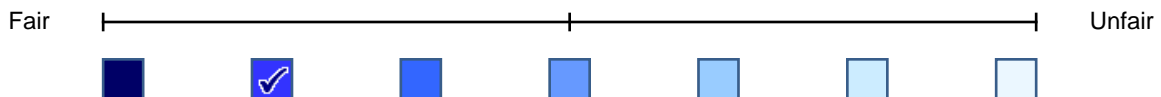
Describe the **Amount** of Your Intended Use in Relation to the Copyrighted Work as a Whole:

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- [+] Only the amount required to achieve the stated, socially-beneficial purpose or objective will be used (be that educational, artistic, scholarly, journalistic, etc.)
- [+] If the entire work is to be used (which would NOT favor the use being fair), it is clear that no less than the entire work will achieve the stated purpose of the use (e.g. use of a photograph, a short poem, an article, etc.)
- [+] The amount used falls within widely recognized fair use guidelines\* vetted by key stakeholder groups [reference guidelines]



Describe the **Effect** of Your Intended Use on the Potential Market or Value of the Copyrighted Work:

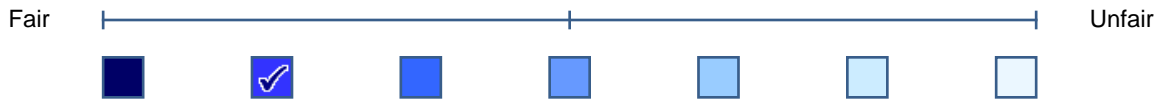
- [+] A market for the work as it will be used is absent or is negligible & use of the work will have little or no negative impact on its value or potential value
- [+] Use of the work minimizes the potential for unauthorized use that could impact its value (i.e. steps are taken to ensure the content is not used outside of the stated purpose or audience)
- [+] Use of the work has the potential to create or improve the market for the work
- [+] Proper attribution will be given with the intended use



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, Matthew P Meeder, am **UNDECIDED** whether this use is fair under Section 107 of the U.S. Copyright Code.

Signature: Matthew P Meeder

Date of Signature: 7/14/2016

**\*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.



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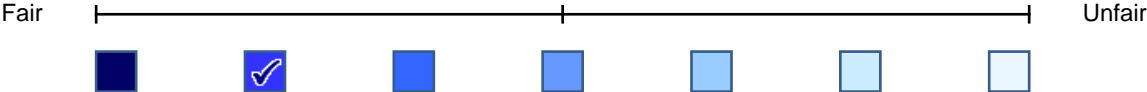
---

<b>Name:</b>	Matthew P Meeder
<b>Job Title:</b>	Graduate Research Assistant
<b>Institution:</b>	Virginia Tech
<b>Title of Work Used:</b>	Schematic of a two wire resistance method
<b>Copyright Holder:</b>	Jerry Janesch
<b>Publication Status:</b>	Unpublished
<b>Publisher:</b>	
<b>Place of Publication:</b>	
<b>Publication Year:</b>	
<b>Description of Work:</b>	This is a schematic of a two wire resistance method. Labels of all the components and wires are shown.
<b>Date of Evaluation:</b>	July 12, 2016
<b>Date of Intended Use:</b>	July 12, 2016

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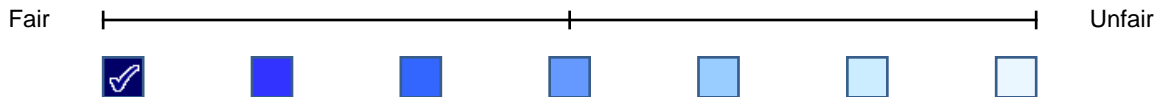
Describe the **Purpose** and Character of Your Intended Use:

For Masters Thesis[+] Use is for "criticism, comment, news reporting, teaching, (including multiple print copies for classroom use), scholarship or research"  
[+] Use is transformative, i.e. it uses the existing work in a new way (creates an index to the work) or for a new purpose (parody, pastiche, instructional materials, etc.) Transformative works are favored because the purpose of U.S. Copyright Law is to encourage the development and dissemination of new knowledge to benefit the public and thereby advance learning.  
[+] Use is socially beneficial (promotes the creation of new knowledge, learning, etc.) [define how]  
[+] Use is not-for-profit  
[+] Use is clearly defined and is restricted in scope (limited duration, not iterative, restricted access, etc.)



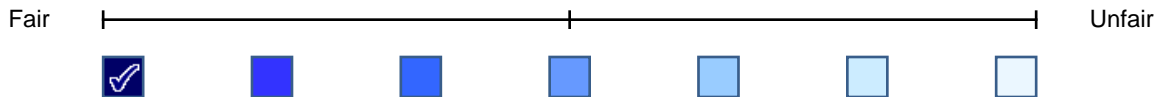
Describe the **Nature** of Your Intended Use of the Copyrighted Work:

[+] Work to be used has been previously PUBLISHED  
[+] Work to be used contains limited new knowledge, content, or creative expression (in relation to previously copyrighted works)  
[+] Work to be used is primarily of a factual nature (non-fiction, collection of facts, etc.)  
[+] Original work was not created and/or has not been marketed for the stated purpose of the proposed use



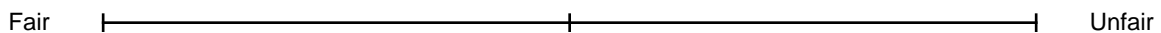
Describe the **Amount** of Your Intended Use in Relation to the Copyrighted Work as a Whole:

[+] Only limited and reasonable portions will be used  
[+] The portion used is not the "heart" of the work (the portion considered most central to the work as a whole)  
[+] Only the amount required to achieve the stated, socially-beneficial purpose or objective will be used (be that educational, artistic, scholarly, journalistic, etc.)  
[+] If the entire work is to be used (which would NOT favor the use being fair), it is clear that no less than the entire work will achieve the stated purpose of the use (e.g. use of a photograph, a short poem, an article, etc.)  
[+] The amount used falls within widely recognized fair use guidelines\* vetted by key stakeholder groups [reference guidelines]



Describe the **Effect** of Your Intended Use on the Potential Market or Value of the Copyrighted Work:

[+] The work is NOT currently under commercial exploitation (out of print, no licensing available, etc.)  
[+] A market for the work as it will be used is absent or is negligible & use of the work will have little or no negative impact on its value or potential value  
[+] Use of the work minimizes the potential for unauthorized use that could impact its value (i.e. steps are taken to ensure the content is not used outside of the stated purpose or audience)  
[+] Use of the work has the potential to create or improve the market for the work  
[+] Proper attribution will be given with the intended use

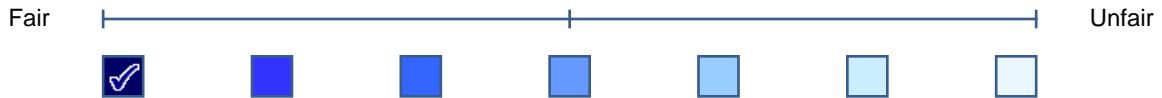




The Average **"Fairness Level,"** Based on Your Rating of Each of the 4

Factors, Is:

[\[see tool disclaimer for important clarifying information\]:](#)



Based on the information and justification I have provided above, I, Matthew P Meeder, am **UNDECIDED** whether this use is fair under Section 107 of the U.S. Copyright Code.

Signature: Matthew P Meeder

Date of Signature: 7/14/2016

**\*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.

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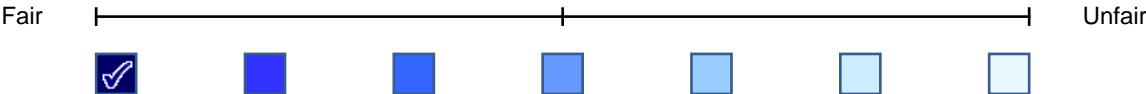
---

<b>Name:</b>	Matthew P Meeder
<b>Job Title:</b>	Graduate Research Assistant
<b>Institution:</b>	Virginia Tech
<b>Title of Work Used:</b>	Temperature Vs. Time Graph
<b>Copyright Holder:</b>	Unknown
<b>Publication Status:</b>	Unknown
<b>Publisher:</b>	
<b>Place of Publication:</b>	
<b>Publication Year:</b>	
<b>Description of Work:</b>	This is a temperature Vs. Time graph for a laser flash diffusivity machine. The cartoon version is labeling the different parts of the transient line.
<b>Date of Evaluation:</b>	July 12, 2016
<b>Date of Intended Use:</b>	July 12, 2016

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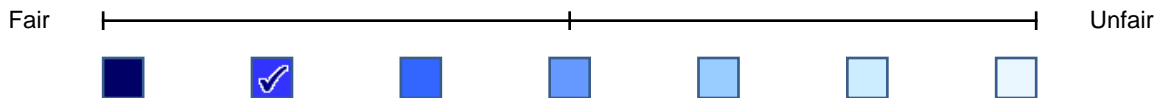
Describe the **Purpose** and Character of Your Intended Use:

Masters Thesis[+] Use is for "criticism, comment, news reporting, teaching, (including multiple print copies for classroom use), scholarship or research"  
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[+] Use is not-for-profit  
[+] Use is one-time, or is only occasional or spontaneous  
[+] Use is clearly defined and is restricted in scope (limited duration, not iterative, restricted access, etc.)



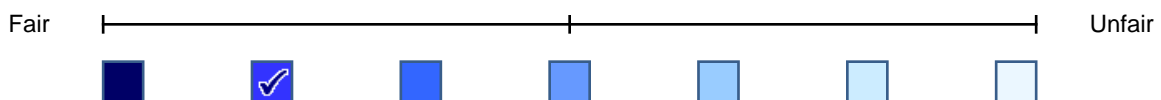
Describe the **Nature** of Your Intended Use of the Copyrighted Work:

- [+] Work to be used contains limited new knowledge, content, or creative expression (in relation to previously copyrighted works)
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- [+] Work to be used is primarily of a factual nature (non-fiction, collection of facts, etc.)



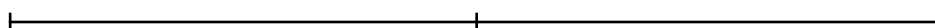
Describe the **Amount** of Your Intended Use in Relation to the Copyrighted Work as a Whole:

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- [+] The portion used is not the "heart" of the work (the portion considered most central to the work as a whole)
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Describe the **Effect** of Your Intended Use on the Potential Market or Value of the Copyrighted Work:

- [+] The work is NOT currently under commercial exploitation (out of print, no licensing available, etc.)
- [+] A market for the work as it will be used is absent or is negligible & use of the work will have little or no negative impact on its value or potential value
- [+] The copyright holder cannot be identified or cannot be found after a reasonable search, or, once found does not respond (one way or another) to requests for permission to use the work
- [+] Use of the work minimizes the potential for unauthorized use that could impact its value (i.e. steps are taken to ensure the content is not used outside of the stated purpose or audience)
- [+] Use of the work has the potential to create or improve the market for the work
- [+] Proper attribution will be given with the intended use



Fair

Unfair



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, Matthew P Meeder, am asserting this use is **FAIR** under Section 107 of the U.S. Copyright Code.

Signature: Matthew P Meeder

Date of Signature: 7/14/2016

**\*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.

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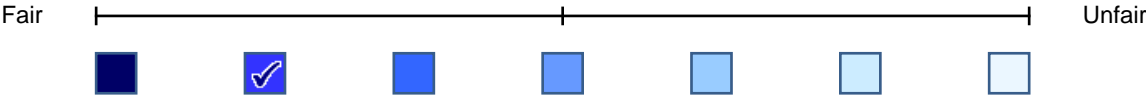
---

<b>Name:</b>	Matthew P Meeder
<b>Job Title:</b>	Graduate Research Assistant
<b>Institution:</b>	Virginia Tech
<b>Title of Work Used:</b>	Thermal Conductivity testing methods overview figure
<b>Copyright Holder:</b>	Unknown
<b>Publication Status:</b>	Unknown
<b>Publisher:</b>	
<b>Place of Publication:</b>	
<b>Publication Year:</b>	
<b>Description of Work:</b>	This is a figure showing all the different types of methods for finding thermal conductivity and the operational ranges for each style of method.
<b>Date of Evaluation:</b>	July 12, 2016
<b>Date of Intended Use:</b>	July 12, 2016

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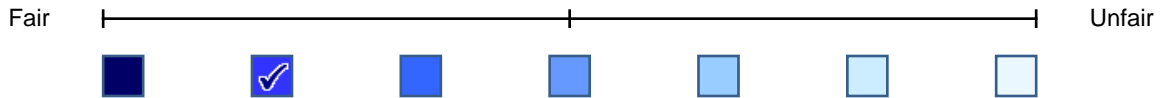
Describe the **Purpose** and Character of Your Intended Use:

Masters Thesis  
[+] Use is for "criticism, comment, news reporting, teaching, (including multiple print copies for classroom use), scholarship or research"  
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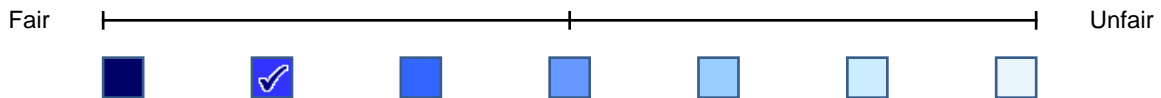
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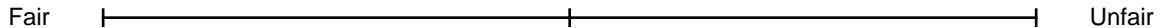
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[+] The portion used is not the “heart” of the work (the portion considered most central to the work as a whole)  
[+] Only the amount required to achieve the stated, socially-beneficial purpose or objective will be used (be that educational, artistic, scholarly, journalistic, etc.)  
[+] If the entire work is to be used (which would NOT favor the use being fair), it is clear that no less than the entire work will achieve the stated purpose of the use (e.g. use of a photograph, a short poem, an article, etc.)  
[+] The amount used falls within widely recognized fair use guidelines\* vetted by key stakeholder groups [reference guidelines]



Describe the **Effect** of Your Intended Use on the Potential Market or Value of the Copyrighted Work:

[+] A market for the work as it will be used is absent or is negligible & use of the work will have little or no negative impact on its value or potential value  
[+] The copyright holder cannot be identified or cannot be found after a reasonable search, or, once found does not respond (one way or another) to requests for permission to use the work  
[+] Use of the work minimizes the potential for unauthorized use that could impact its value (i.e. steps are taken to ensure the content is not used outside of the stated purpose or audience)  
[+] Proper attribution will be given with the intended use  
[+] Use of the work has the potential to create or improve the market for the work



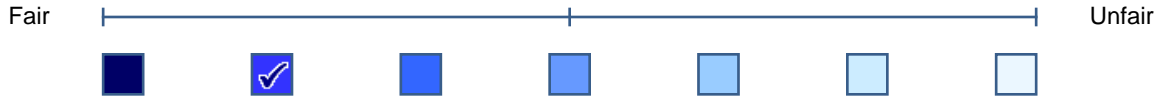




The Average **"Fairness Level,"** Based on Your Rating of Each of the 4

Factors, Is:

[\[see tool disclaimer for important clarifying information\]:](#)



Based on the information and justification I have provided above, I, Matthew P Meeder, am asserting this use is **FAIR** under Section 107 of the U.S. Copyright Code.

Signature: Matthew P Meeder

Date of Signature: 7/14/2016

**\*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.

# Fair Use Evaluation Documentation

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

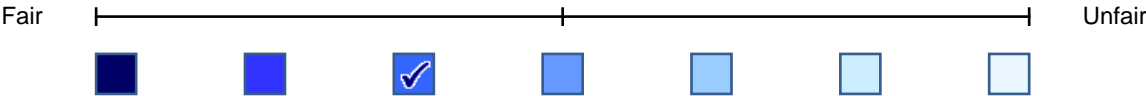
---

<b>Name:</b>	Matthew P Meeder
<b>Job Title:</b>	Graduate Research Assistant
<b>Institution:</b>	Virginia Tech
<b>Title of Work Used:</b>	Three Dimensional Topographical map of the Grand Canyon
<b>Copyright Holder:</b>	Geoblox Science Products
<b>Publication Status:</b>	Unknown
<b>Publisher:</b>	
<b>Place of Publication:</b>	
<b>Publication Year:</b>	
<b>Description of Work:</b>	This is a photo of a cardboard three dimensional topographical map of the Grand Canyon.
<b>Date of Evaluation:</b>	July 12, 2016
<b>Date of Intended Use:</b>	July 12, 2016

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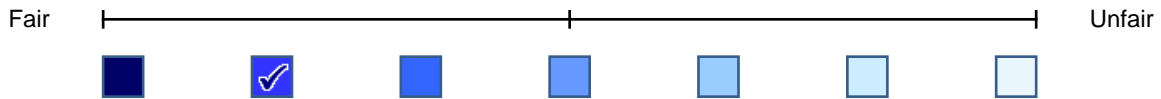
Describe the **Purpose** and Character of Your Intended Use:

The intended use of this photo is for reference to an idea of creating three dimensional objects using a series of sheets of a material. The photo being used in my Masters Thesis



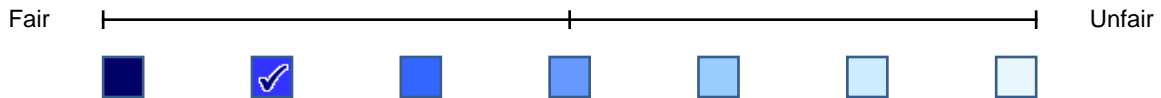
Describe the **Nature** of Your Intended Use of the Copyrighted Work:

[+] Work to be used contains limited new knowledge, content, or creative expression (in relation to previously copyrighted works)  
[+] Work to be used is primarily of a factual nature (non-fiction, collection of facts, etc.)



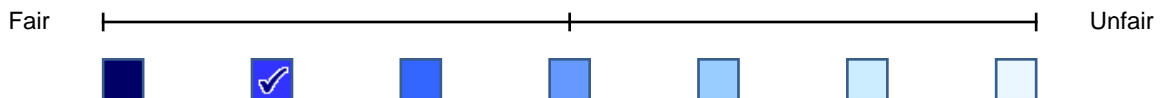
Describe the **Amount** of Your Intended Use in Relation to the Copyrighted Work as a Whole:

[+] Only the amount required to achieve the stated, socially-beneficial purpose or objective will be used (be that educational, artistic, scholarly, journalistic, etc.)  
[+] The amount used falls within widely recognized fair use guidelines\* vetted by key stakeholder groups [reference guidelines]



Describe the **Effect** of Your Intended Use on the Potential Market or Value of the Copyrighted Work:

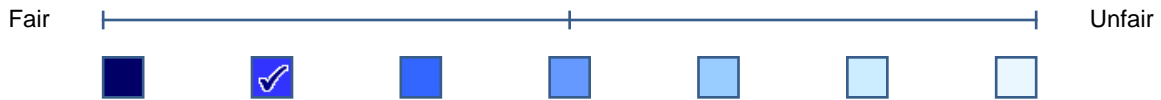
[+] The copyright holder cannot be identified or cannot be found after a reasonable search, or, once found does not respond (one way or another) to requests for permission to use the work  
[+] Use of the work minimizes the potential for unauthorized use that could impact its value (i.e. steps are taken to ensure the content is not used outside of the stated purpose or audience)  
[+] Proper attribution will be given with the intended use



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, Matthew P Meeder, am asserting this use is **FAIR** under Section 107 of the U.S. Copyright Code.

Signature: Matthew P Meeder

Date of Signature: 7/14/2016

**\*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.

# Fair Use Evaluation Documentation

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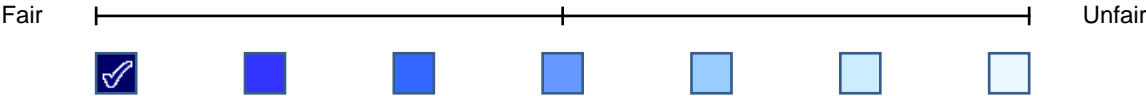
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<b>Name:</b>	Matthew P Meeder
<b>Job Title:</b>	Graduate Research Assistant
<b>Institution:</b>	Virginia Tech
<b>Title of Work Used:</b>	Time Vs. Voltage graph for the Modified Transient Plane Source Method
<b>Copyright Holder:</b>	
<b>Publication Status:</b>	Unknown
<b>Publisher:</b>	
<b>Place of Publication:</b>	
<b>Publication Year:</b>	
<b>Description of Work:</b>	This a graph showing the voltage Vs. time correlation for the modified transient plane source if there was a insulator or a conductive piece of metal.
<b>Date of Evaluation:</b>	July 12, 2016
<b>Date of Intended Use:</b>	July 12, 2016

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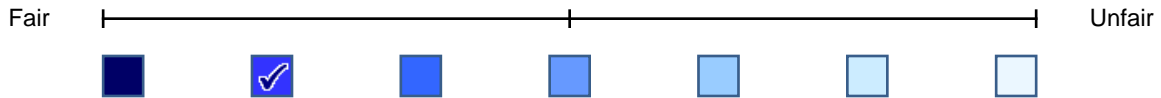
Describe the **Purpose** and Character of Your Intended Use:

Masters Thesis  
[+] Use is for "criticism, comment, news reporting, teaching, (including multiple print copies for classroom use), scholarship or research"  
[+] Use is one-time, or is only occasional or spontaneous  
[+] Use is clearly defined and is restricted in scope (limited duration, not iterative, restricted access, etc.)  
[+] Use is not-for-profit  
[+] Use is socially beneficial (promotes the creation of new knowledge, learning, etc.) [define how]  
[+] Use is transformative, i.e. it uses the existing work in a new way (creates an index to the work) or for a new purpose (parody, pastiche, instructional materials, etc.) Transformative works are favored because the purpose of U.S. Copyright Law is to encourage the development and dissemination of new knowledge to benefit the public and thereby advance learning.



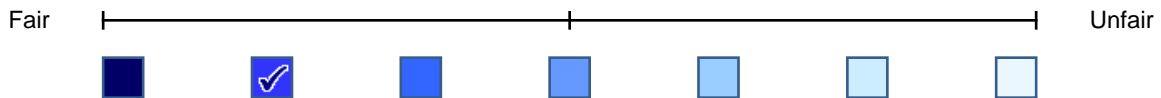
Describe the **Nature** of Your Intended Use of the Copyrighted Work:

[+] Work to be used contains limited new knowledge, content, or creative expression (in relation to previously copyrighted works)  
[+] Work to be used is primarily of a factual nature (non-fiction, collection of facts, etc.)  
[+] Original work was not created and/or has not been marketed for the stated purpose of the proposed use



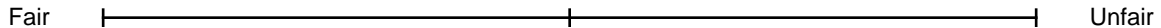
Describe the **Amount** of Your Intended Use in Relation to the Copyrighted Work as a Whole:

[+] Only limited and reasonable portions will be used  
[+] The portion used is not the "heart" of the work (the portion considered most central to the work as a whole)  
[+] Only the amount required to achieve the stated, socially-beneficial purpose or objective will be used (be that educational, artistic, scholarly, journalistic, etc.)  
[+] If the entire work is to be used (which would NOT favor the use being fair), it is clear that no less than the entire work will achieve the stated purpose of the use (e.g. use of a photograph, a short poem, an article, etc.)  
[+] The amount used falls within widely recognized fair use guidelines\* vetted by key stakeholder groups [reference guidelines]



Describe the **Effect** of Your Intended Use on the Potential Market or Value of the Copyrighted Work:

[+] A market for the work as it will be used is absent or is negligible & use of the work will have little or no negative impact on its value or potential value  
[+] The copyright holder cannot be identified or cannot be found after a reasonable search, or, once found does not respond (one way or another) to requests for permission to use the work  
[+] Use of the work minimizes the potential for unauthorized use that could impact its value (i.e. steps are taken to ensure the content is not used outside of the stated purpose or audience)  
[+] Use of the work has the potential to create or improve the market for the work  
[+] Proper attribution will be given with the intended use

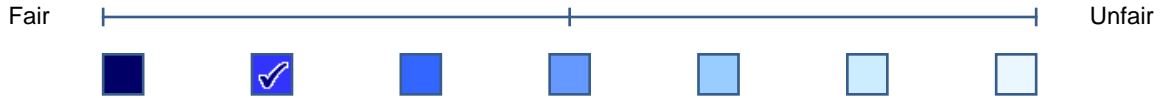




The Average **"Fairness Level,"** Based on Your Rating of Each of the 4

Factors, Is:

[\[see tool disclaimer for important clarifying information\]:](#)



Based on the information and justification I have provided above, I, Matthew P Meeder, am asserting this use is **FAIR** under Section 107 of the U.S. Copyright Code.

Signature: \_\_\_\_\_

*Matthew P Meeder*

Date of Signature: \_\_\_\_\_

7/14/2016

**\*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.

# Fair Use Evaluation Documentation

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<b>Name:</b>	Matthew P Meeder
<b>Job Title:</b>	Graduate Research Assistant
<b>Institution:</b>	Virginia Tech
<b>Title of Work Used:</b>	Valence Electrons of Group 11 elements
<b>Copyright Holder:</b>	Unknown
<b>Publication Status:</b>	Unknown
<b>Publisher:</b>	
<b>Place of Publication:</b>	
<b>Publication Year:</b>	
<b>Description of Work:</b>	This is a figure showing the atomic structure of the group 11 elements on the periodic table.
<b>Date of Evaluation:</b>	July 12, 2016
<b>Date of Intended Use:</b>	July 12, 2016

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Describe the **Purpose** and Character of Your Intended Use:

Masters Thesis

[+] Use is for "criticism, comment, news reporting, teaching, (including multiple print copies for classroom use), scholarship or research"

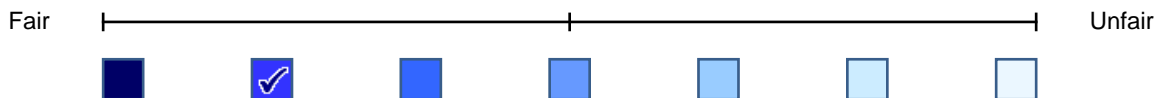
[+] Use is transformative, i.e. it uses the existing work in a new way (creates an index to the work) or for a new purpose (parody, pastiche, instructional materials, etc.) Transformative works are favored because the purpose of U.S. Copyright Law is to encourage the development and dissemination of new knowledge to benefit the public and thereby advance learning.

[+] Use is socially beneficial (promotes the creation of new knowledge, learning, etc.) [define how]

[+] Use is not-for-profit

[+] Use is clearly defined and is restricted in scope (limited duration, not iterative, restricted access, etc.)

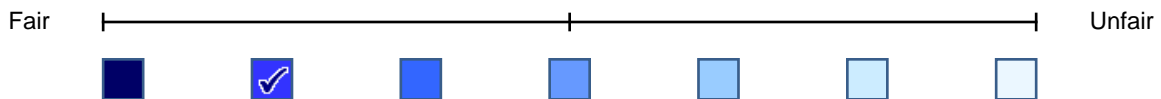
[+] Use is one-time, or is only occasional or spontaneous





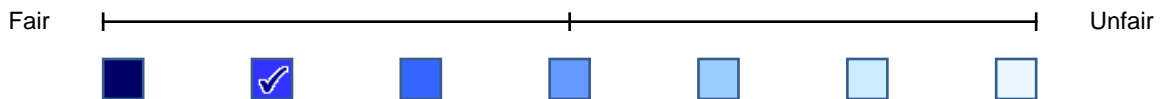
Describe the **Nature** of Your Intended Use of the Copyrighted Work:

[+] Work to be used has been previously PUBLISHED  
[+] Work to be used contains limited new knowledge, content, or creative expression (in relation to previously copyrighted works)  
[+] Work to be used is primarily of a factual nature (non-fiction, collection of facts, etc.)  
[+] Original work was not created and/or has not been marketed for the stated purpose of the proposed use



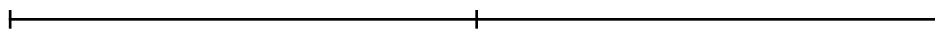
Describe the **Amount** of Your Intended Use in Relation to the Copyrighted Work as a Whole:

[+] Only limited and reasonable portions will be used  
[+] The portion used is not the “heart” of the work (the portion considered most central to the work as a whole)  
[+] Only the amount required to achieve the stated, socially-beneficial purpose or objective will be used (be that educational, artistic, scholarly, journalistic, etc.)  
[+] If the entire work is to be used (which would NOT favor the use being fair), it is clear that no less than the entire work will achieve the stated purpose of the use (e.g. use of a photograph, a short poem, an article, etc.)  
[+] The amount used falls within widely recognized fair use guidelines\* vetted by key stakeholder groups [reference guidelines]



Describe the **Effect** of Your Intended Use on the Potential Market or Value of the Copyrighted Work:

[+] The work is NOT currently under commercial exploitation (out of print, no licensing available, etc.)  
[+] A market for the work as it will be used is absent or is negligible & use of the work will have little or no negative impact on its value or potential value  
[+] The copyright holder cannot be identified or cannot be found after a reasonable search, or, once found does not respond (one way or another) to requests for permission to use the work  
[+] Use of the work minimizes the potential for unauthorized use that could impact its value (i.e. steps are taken to ensure the content is not used outside of the stated purpose or audience)  
[+] Use of the work has the potential to create or improve the market for the work  
[+] Proper attribution will be given with the intended use



Fair

Unfair



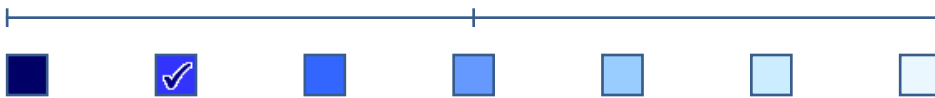
The Average **"Fairness Level,"** Based on Your Rating of Each of the 4

Factors, Is:

[\[see tool disclaimer for important clarifying information\]:](#)

Fair

Unfair



Based on the information and justification I have provided above, I, Matthew P Meeder, am asserting this use is **FAIR** under Section 107 of the U.S. Copyright Code.

Signature: Matthew P Meeder

Date of Signature: 7 / 14 / 2016

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