

# Fair Use Evaluation Documentation

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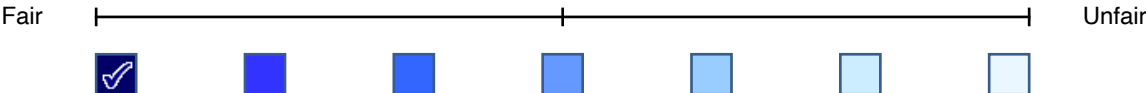
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<b>Name:</b>	Kuan-Hung Lo
<b>Job Title:</b>	PhD candidate
<b>Institution:</b>	Virginia Tech
<b>Title of Work Used:</b>	â€œThe robot Pepper and AI era
<b>Copyright Holder:</b>	TVBS
<b>Publication Status:</b>	Published
<b>Publisher:</b>	TVBS
<b>Place of Publication:</b>	
<b>Publication Year:</b>	2017
<b>Description of Work:</b>	This work is a video posted by TVBS Youtube account. <a href="https://www.youtube.com/watch?v=XSUQ59TUEFQ">https://www.youtube.com/watch?v=XSUQ59TUEFQ</a>
<b>Date of Evaluation:</b>	August 11, 2022
<b>Date of Intended Use:</b>	August 11, 2022

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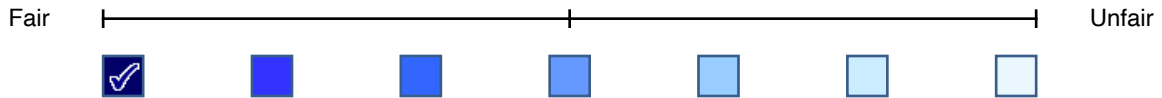
Describe the **Purpose** and Character of Your Intended Use:

- [+] Use is for "criticism, comment, news reporting, teaching, (including multiple print copies for classroom use), scholarship or research"
- [+] Use is socially beneficial (promotes the creation of new knowledge, learning, etc.) [define how]
- [+] Use is not-for-profit
- [+] Use is one-time, or is only occasional or spontaneous



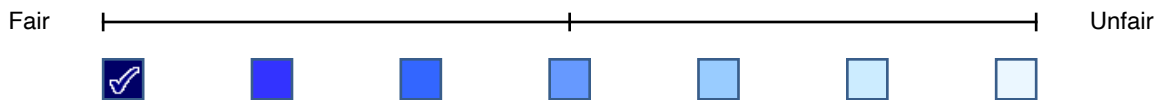
Describe the **Nature** of Your Intended Use of the Copyrighted Work:

[+] 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.)



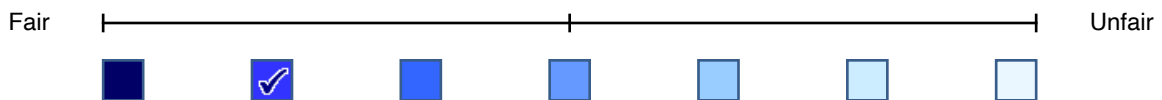
Describe the **Amount** of Your Intended Use in Relation to the Copyrighted Work as a Whole:

[+] Only limited and reasonable portions will be used



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

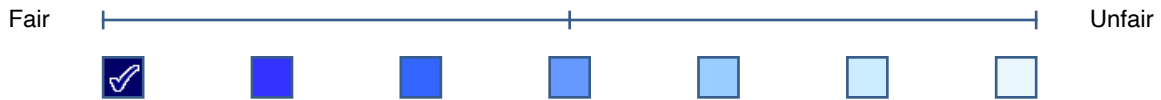
[+] The work is NOT currently under commercial exploitation (out of print, no licensing available, etc.)



The 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, Kuan-Hung Lo, am asserting this use is **FAIR** under Section 107 of the U.S. Copyright Code.

Signature: Kuan-Hung Lo

Date of Signature: 8/16/2022

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<b>Institution:</b>	Virginia Tech
<b>Title of Work Used:</b>	“The scenario and design process of childcare robot, PaPeRo.” Proceedings of the 2006 ACM SIGCHI international conference on Advances in computer entertainment technology, (2006) 80-es.
<b>Copyright Holder:</b>	Junichi Osada, Shinichi Ohnaka, and Miki Sato
<b>Publication Status:</b>	Published
<b>Publisher:</b>	IEEE
<b>Place of Publication:</b>	
<b>Publication Year:</b>	2006
<b>Description of Work:</b>	I will cite Figure 8 : Scenarios and Figure 12: Design Process from this paper so I can elaborate the missing arguments this paper never mentions.
<b>Date of Evaluation:</b>	August 16, 2022
<b>Date of Intended Use:</b>	August 16, 2022

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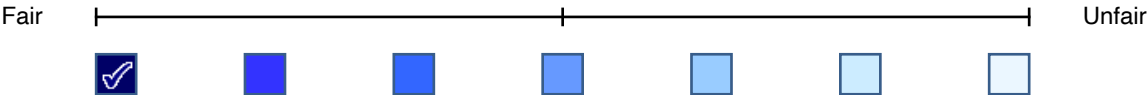
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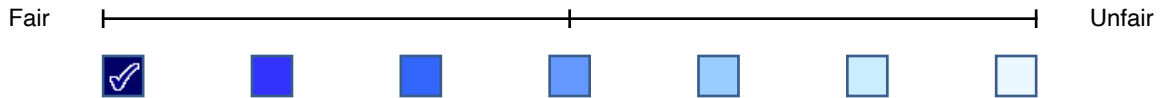
[+] Use is socially beneficial (promotes the creation of new knowledge, learning, etc.) [define how]

[+] Use is not-for-profit



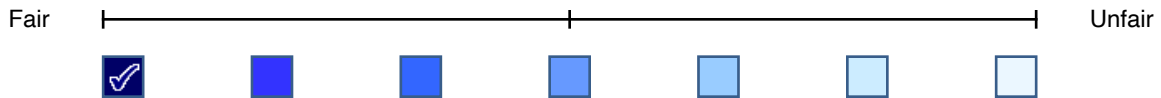
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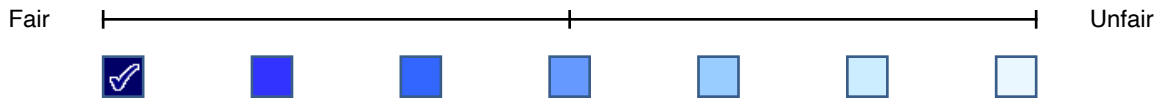
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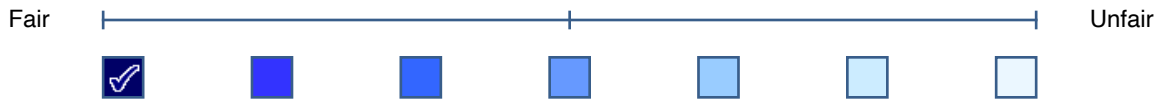
[+] The work is NOT currently under commercial exploitation (out of print, no licensing available, etc.)  
[+] The copyright holder cannot be identified or cannot be found after a reasonable search, or, once found does not respond (one way or another) to requests for permission to use the work  
[+] 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



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, Kuan-Hung Lo, am asserting this use is **FAIR** under Section 107 of the U.S. Copyright Code.

Signature: Kuan-Hung Lo

Date of Signature: 8/16/2022

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---

<b>Name:</b>	Kuan-Hung Lo
<b>Job Title:</b>	PhD candidate
<b>Institution:</b>	Virginia Tech
<b>Title of Work Used:</b>	iRobot Roomba A960 manual
<b>Copyright Holder:</b>	iRobot
<b>Publication Status:</b>	Published
<b>Publisher:</b>	iRobot
<b>Place of Publication:</b>	
<b>Publication Year:</b>	2015
<b>Description of Work:</b>	This work is the manual of Roomba A960 series made by iRobot. I downland the manual from iRobot official website. I intend to use page 10 and 11 in the manual as my research data.
<b>Date of Evaluation:</b>	August 11, 2022
<b>Date of Intended Use:</b>	August 11, 2022

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

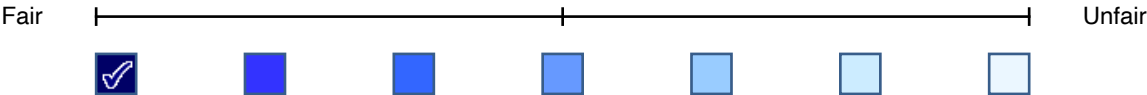
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[+] Use is socially beneficial (promotes the creation of new knowledge, learning, etc.) [define how]

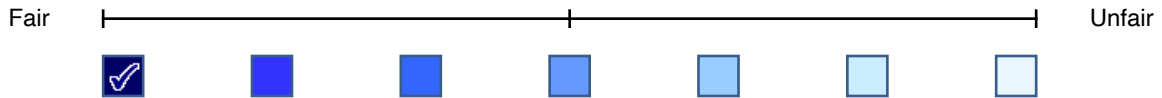
[+] Use is not-for-profit

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



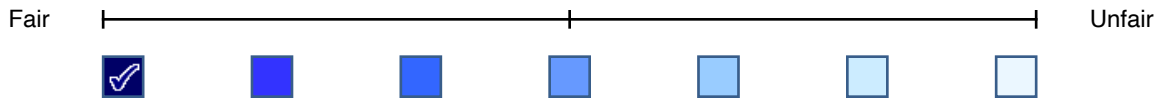
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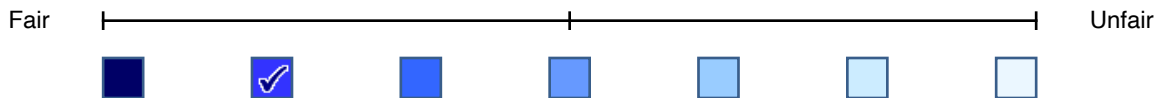
Describe the **Amount** of Your Intended Use in Relation to the Copyrighted Work as a Whole:

[+] 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)



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

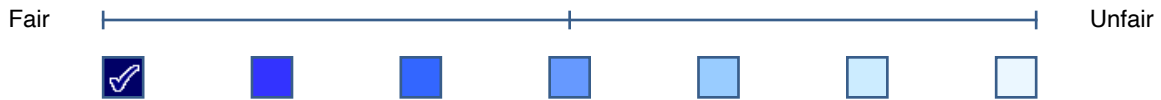
[+] The work is NOT currently under commercial exploitation (out of print, no licensing available, etc.)  
[+] Use of the work has the potential to create or improve the market for the work



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

Factors, Is:

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Date of Signature: 8/16/2022

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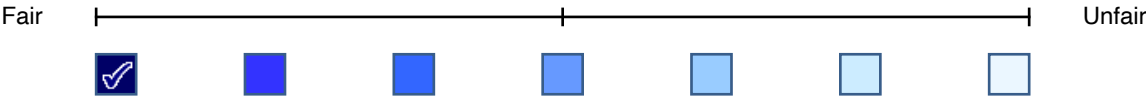
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<b>Name:</b>	Kuan-Hung Lo
<b>Job Title:</b>	PhD candidate
<b>Institution:</b>	Virginia Tech
<b>Title of Work Used:</b>	Pepper handbook
<b>Copyright Holder:</b>	SoftBank
<b>Publication Status:</b>	Published
<b>Publisher:</b>	SoftBank
<b>Place of Publication:</b>	
<b>Publication Year:</b>	2017
<b>Description of Work:</b>	This work is the manual of humanoid robot Pepper made by SoftBank. I downland the manual from SoftBank official website. I intend to use page 8, 9, 12, 20, 22, and 25 in the manual as my research data.
<b>Date of Evaluation:</b>	August 11, 2022
<b>Date of Intended Use:</b>	August 11, 2022

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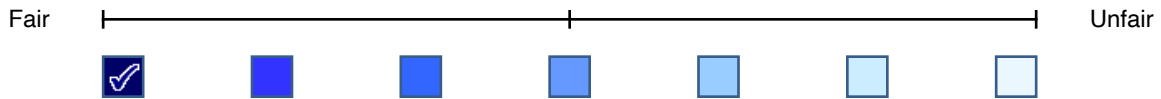
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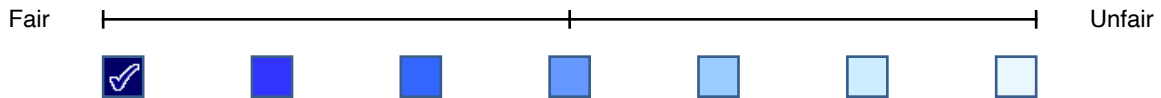
Describe the **Nature** of Your Intended Use of the Copyrighted Work:

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Work to be used is primarily of a factual nature (non-fiction, collection of facts, etc.)



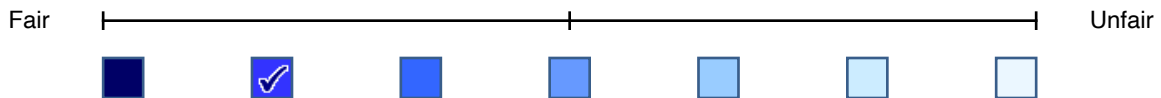
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Only limited and reasonable portions will be used  
The portion used is not the "heart" of the work (the portion considered most central to the work as a whole)  
Only the amount required to achieve the stated, socially-beneficial purpose or objective will be used (be that educational, artistic, scholarly, journalistic, etc.)



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

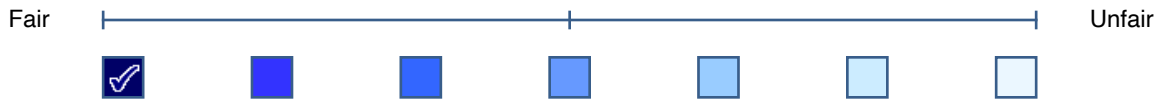
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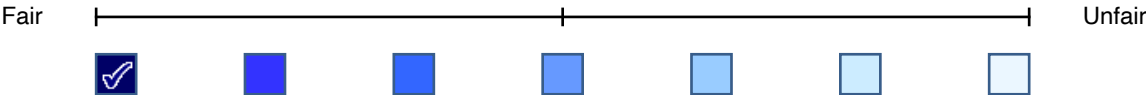
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<b>Name:</b>	Kuan-Hung Lo
<b>Job Title:</b>	PhD candidate
<b>Institution:</b>	Virginia Tech
<b>Title of Work Used:</b>	Pepper is a humanoid-robo
<b>Copyright Holder:</b>	SoftBank
<b>Publication Status:</b>	Published
<b>Publisher:</b>	SoftBank
<b>Place of Publication:</b>	
<b>Publication Year:</b>	Unknown
<b>Description of Work:</b>	This work is a photo posted on SoftBank developer website. <a href="https://developer.softbankrobotics.com/pepper-qisdsk/design/pepper-humanoid-robot">https://developer.softbankrobotics.com/pepper-qisdsk/design/pepper-humanoid-robot</a>
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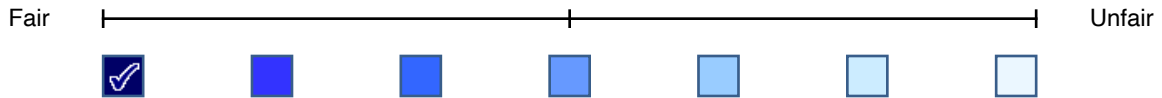
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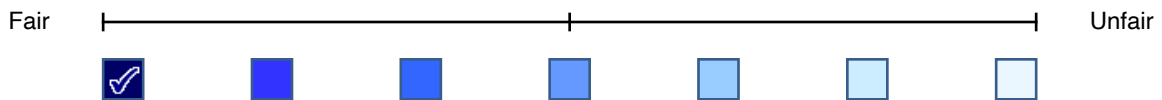
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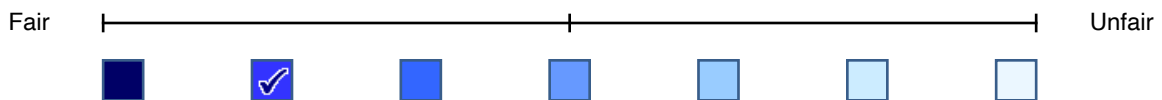
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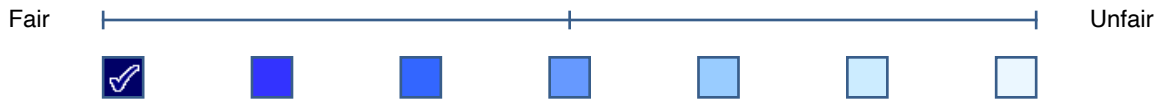
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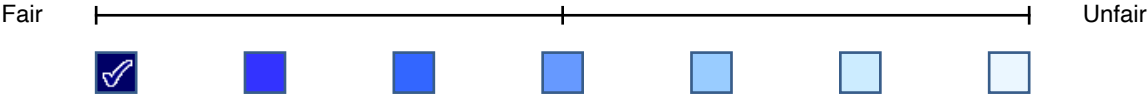
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<b>Name:</b>	Kuan-Hung Lo
<b>Job Title:</b>	PhD candidate
<b>Institution:</b>	Virginia Tech
<b>Title of Work Used:</b>	Pepper-kun came to Aeon in my neighborhood, but he didn't move his middle finger.
<b>Copyright Holder:</b>	unknown
<b>Publication Status:</b>	Published
<b>Publisher:</b>	unknown
<b>Place of Publication:</b>	
<b>Publication Year:</b>	2016
<b>Description of Work:</b>	This work is a phone posted by @mentaro Twitter account. <a href="https://twitter.com/mentaro/status/744748919322640384?ref_src=twsrc%5Etfw%7Ctwcamp%5Etweetembed%7Ctwtterm%5E744748919322640384%7Ctwgr%5E9a882cebf6ebf13fcd4ca70eed284a5e50015aa%7Ctwcon%5Es1_&amp;ref_url=https%3A%2F%2Fsoraneews24.com%2F2016%2F06%2F22%2Fdomestic-robot-pepper-cant-stop-flipping-people-off-in-japan-e38090photose38091%2F">https://twitter.com/mentaro/status/744748919322640384?ref_src=twsrc%5Etfw%7Ctwcamp%5Etweetembed%7Ctwtterm%5E744748919322640384%7Ctwgr%5E9a882cebf6ebf13fcd4ca70eed284a5e50015aa%7Ctwcon%5Es1_&amp;ref_url=https%3A%2F%2Fsoraneews24.com%2F2016%2F06%2F22%2Fdomestic-robot-pepper-cant-stop-flipping-people-off-in-japan-e38090photose38091%2F</a>
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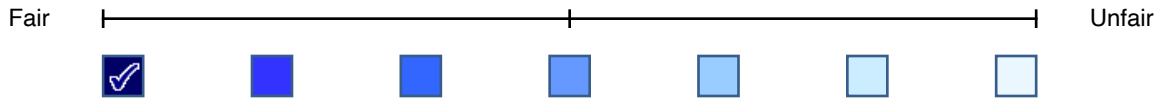
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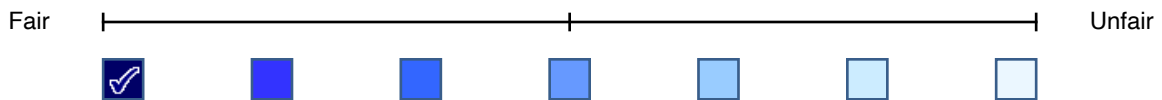
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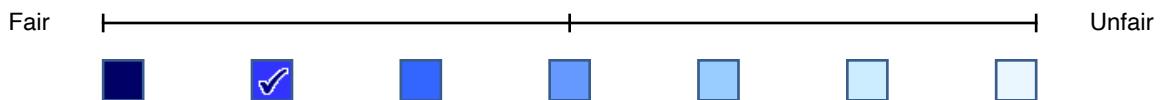
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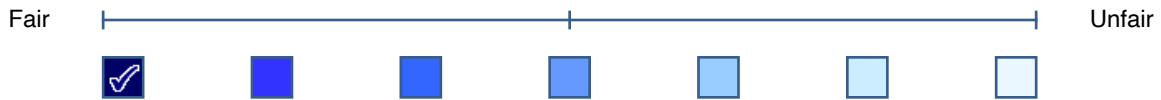
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<b>Institution:</b>	Virginia Tech
<b>Title of Work Used:</b>	Roomba 900 series owner's guide
<b>Copyright Holder:</b>	iRobot
<b>Publication Status:</b>	Published
<b>Publisher:</b>	iRobot
<b>Place of Publication:</b>	
<b>Publication Year:</b>	2015
<b>Description of Work:</b>	This work is the manual of Roomba 900 series made by iRobot. I downland the manual from iRobot official website. I intend to use page 10 and 11 in the manual as my research data.
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<b>Date of Intended Use:</b>	August 11, 2022

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

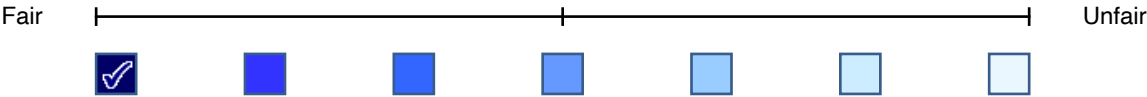
[+] Use is for "criticism, comment, news reporting, teaching, (including multiple print copies for classroom use), scholarship or research"

[+] 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]

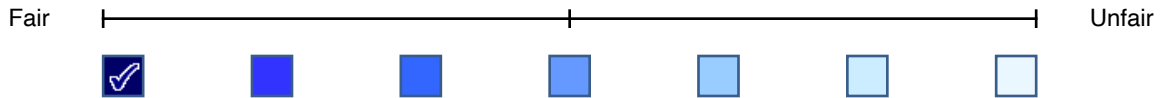
[+] Use is not-for-profit

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



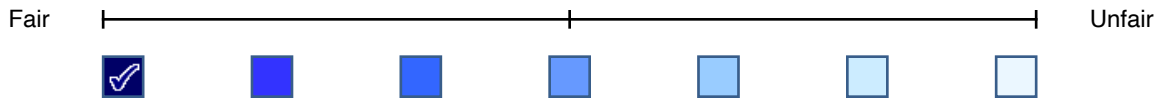
Describe the **Nature** of Your Intended Use of the Copyrighted Work:

[+] 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.)



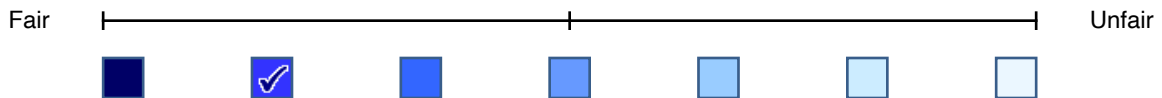
Describe the **Amount** of Your Intended Use in Relation to the Copyrighted Work as a Whole:

[+] 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)



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

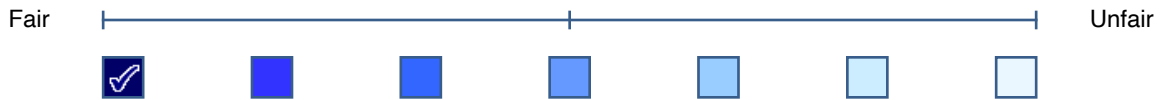
[+] The work is NOT currently under commercial exploitation (out of print, no licensing available, etc.)  
[+] Use of the work has the potential to create or improve the market for the work



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, Kuan-Hung Lo, am asserting this use is **FAIR** under Section 107 of the U.S. Copyright Code.

Signature: Kuan-Hung Lo

Date of Signature: 8/16/2022

**\*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/>

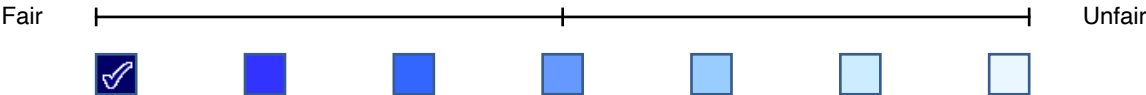
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<b>Name:</b>	Kuan-Hung Lo
<b>Job Title:</b>	PhD candidate
<b>Institution:</b>	Virginia Tech
<b>Title of Work Used:</b>	Roomba knife fight
<b>Copyright Holder:</b>	Ddan Clanad
<b>Publication Status:</b>	Published
<b>Publisher:</b>	Ddan Clanad
<b>Place of Publication:</b>	
<b>Publication Year:</b>	2015
<b>Description of Work:</b>	This work is a video posted by Ddan Clanad on his Youtube account. <a href="https://www.youtube.com/watch?v=-cD4mrTvVhM">https://www.youtube.com/watch?v=-cD4mrTvVhM</a>
<b>Date of Evaluation:</b>	August 11, 2022
<b>Date of Intended Use:</b>	August 11, 2022

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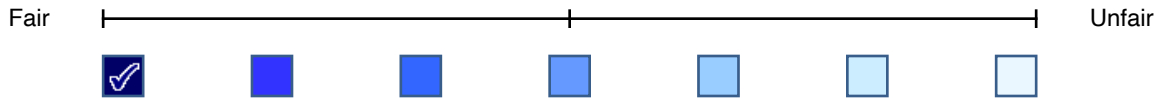
Describe the **Purpose** and Character of Your Intended Use:

- [+] Use is for "criticism, comment, news reporting, teaching, (including multiple print copies for classroom use), scholarship or research"
- [+] Use is socially beneficial (promotes the creation of new knowledge, learning, etc.) [define how]
- [+] Use is not-for-profit
- [+] Use is one-time, or is only occasional or spontaneous



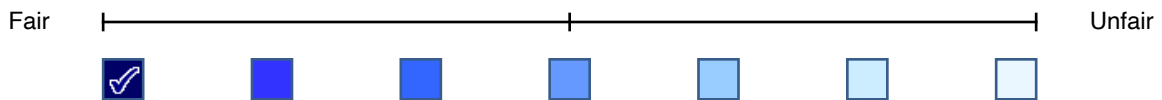
Describe the **Nature** of Your Intended Use of the Copyrighted Work:

[+] Work to be used has been previously PUBLISHED  
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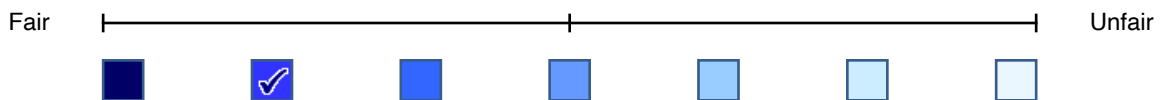
Describe the **Amount** of Your Intended Use in Relation to the Copyrighted Work as a Whole:

[+] Only limited and reasonable portions will be used



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

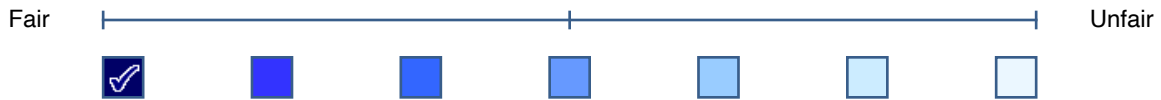
[+] The work is NOT currently under commercial exploitation (out of print, no licensing available, etc.)



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Factors, Is:

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



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Signature: Kuan-Hung Lo

Date of Signature: 8/16/2022

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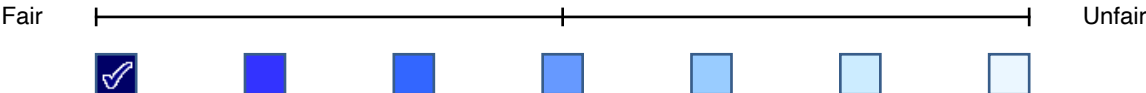
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<b>Name:</b>	Kuan-Hung Lo
<b>Job Title:</b>	PhD candidate
<b>Institution:</b>	Virginia Tech
<b>Title of Work Used:</b>	Roomba Ramp for 2 Stairs
<b>Copyright Holder:</b>	Jason Skerritt
<b>Publication Status:</b>	Published
<b>Publisher:</b>	Jason Skerritt
<b>Place of Publication:</b>	
<b>Publication Year:</b>	2019
<b>Description of Work:</b>	This work is a video posted on Jason Skerritt on his Youtube account. <a href="https://www.youtube.com/watch?v=tpgE-xMAYF0">https://www.youtube.com/watch?v=tpgE-xMAYF0</a>
<b>Date of Evaluation:</b>	August 11, 2022
<b>Date of Intended Use:</b>	August 11, 2022

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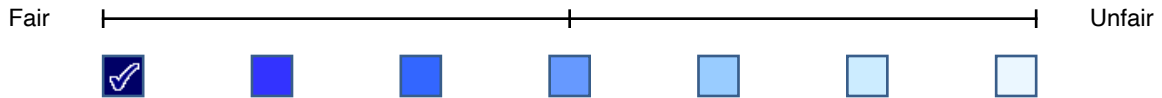
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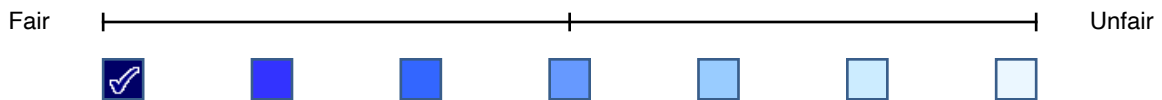
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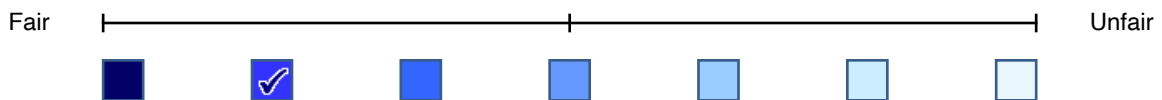
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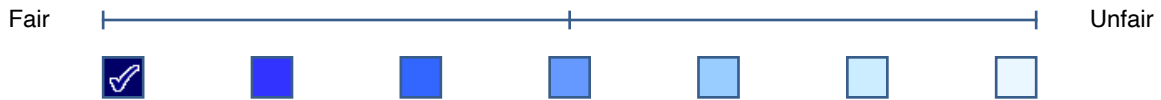
[+] The work is NOT currently under commercial exploitation (out of print, no licensing available, etc.)



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:

I already obtain permission to use this video through the video comment. Please read comments here <https://www.youtube.com/watch?v=tpgE-xMAYFO>

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

Signature: Kuan-Hung Lo

Date of Signature: 8/16/2022

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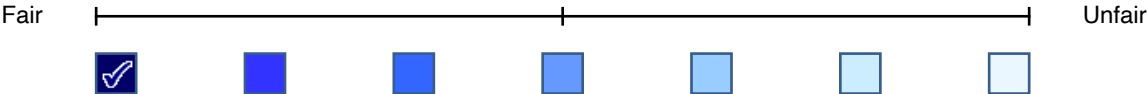
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<b>Name:</b>	Kuan-Hung Lo
<b>Job Title:</b>	PhD candidate
<b>Institution:</b>	Virginia Tech
<b>Title of Work Used:</b>	TREC: Terrestrial Robotics Engineering and Controls
<b>Copyright Holder:</b>	Unknown
<b>Publication Status:</b>	Published
<b>Publisher:</b>	Virginia Tech
<b>Place of Publication:</b>	Unknown
<b>Publication Year:</b>	Unknown
<b>Description of Work:</b>	I will cite a photo from TREC: Terrestrial Robotics Engineering and Controls website ( <a href="https://me.vt.edu/research/treclab.html">https://me.vt.edu/research/treclab.html</a> ). This photo shows four people testing a robot. While I use this photo in my dissertation, I will blur their faces.
<b>Date of Evaluation:</b>	August 16, 2022
<b>Date of Intended Use:</b>	August 16, 2022

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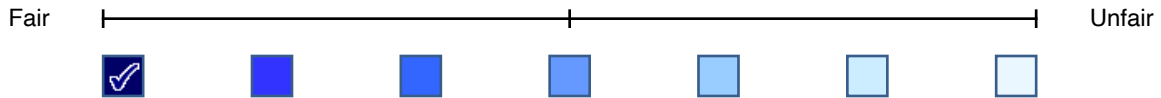
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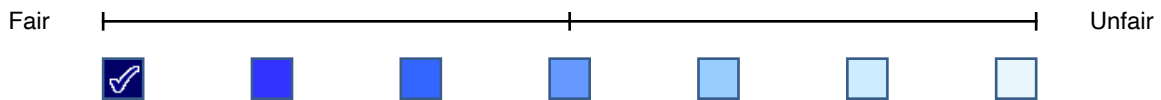
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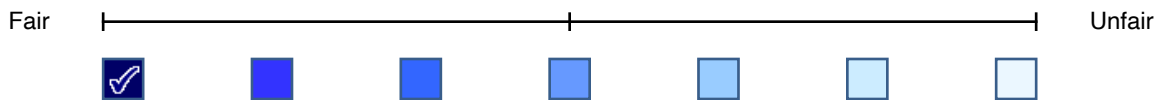
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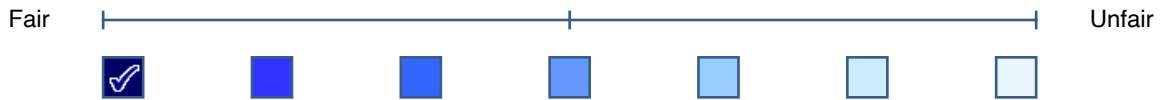
[+] The work is NOT currently under commercial exploitation (out of print, no licensing available, etc.)  
[+] The copyright holder cannot be identified or cannot be found after a reasonable search, or, once found does not respond (one way or another) to requests for permission to use the work  
[+]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



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: Kuan-Hung Lo

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