



Kelly Dobson &lt;kdobson@vt.edu&gt;

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Tue, May 3, 2016 at 10:12 AM

To: Kelly Dobson &lt;kdobson@vt.edu&gt;, pubscopyright &lt;copyright@osa.org&gt;

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Kind Regards,

Rebecca Robinson

Rebecca Robinson

May 3, 2016

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**From:** Kelly Dobson [mailto:kdobson@vt.edu]

**Sent:** Wednesday, April 27, 2016 3:47 PM

**To:** pubscopyright

**Subject:** Dissertation Copyright Permission

I am completing a doctoral dissertation at Virginia Polytechnic Institute and State University entitled "Reconstruction Enhancements with Optical Scanning Holography." In accordance with OSA copyright, I would like your permission to reprint in my dissertation excerpts from the following

(1) Yijie Pan, Wei Jia, Junjie Yu, **Kelly Dobson**, Changhe Zhou, Yongtian Wang, and Ting-Chung Poon, "Edge extraction using a time-varying vortex beam in incoherent digital holography," *Opt. Lett.* **39**, 4176-4179 (2014)

Figure 1, Figure 4, Figure 5

These figures are included in my dissertation as part of a summary of part work. Figure 1 is used to illustrate one of the optical systems in the research. Through the data collected during this experiment I am able to generate Figure 4 and Figure 5 for myself and may look similar to those in the publication.

(2) Zhou Xin, **Kelly Dobson**, Yukitaka Shinoda, and Ting-Chung Poon, "Sectional image reconstruction in optical scanning holography using a random-phase pupil," *Opt. Lett.* **35**, 2934-2936 (2010)

Figure 3 and Figure 4

These figures are included in my dissertation as part of a summary of part work. Through the access to the simulated data used in this experiment I am able to generate Figure 3 and Figure 4 for myself and may look similar to those in the publication.

(3) Xiu-Ling Wu, Xin Zhou, Qiong-Hua Wang, Yu-Fu Jiang, Chun-Jing Xiao, **Kelly Dobson**, and Ting-Chung Poon, "Deviation influences on sectional image reconstruction in optical scanning holography using a random-phase pupil," *Appl. Opt.* **52**, A360-A366 (2013)

Figure 4 and Figure 6

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(4) Yukitaka Shinoda, Jung-Ping Liu, Po Sheun Chung, **Kelly Dobson**, Xin Zhou, and Ting-Chung Poon, "Three-dimensional complex image coding using a circular Dammann grating," *Appl. Opt.* **50**, B38-B45 (2011)

Figure 12, Figure 13, Figure 14, Figure 15, Figure 16, Figure 17, Figure 18

These figures are included in my dissertation as part of a summary of part work. Through the access to the simulated and experimental data used in this research I am able to generate Figure 12, Figure 13, Figure 14, Figure 15, Figure 16, Figure 17, and Figure 18 for myself and may look similar to those in the publication.

(5) **Kelly K Dobson**, Wei Jia, and Ting-Chung Poon, "Anisotropic edge enhancement in optical scanning holography with spiral phase filtering," Chinese Optics Letters 14(1),010006 (2016).

Figure 1 and Figure 2

These figures are included in my dissertation as part of a summary of past work and both figures are used to illustrate the optical system used as part of the research in the dissertation.

Thank you for your time and consideration in this matter.

Sincerely,

Kelly Dobson

920 Kabrich Street

Blacksburg, VA 24060

[kdobson@vt.edu](mailto:kdobson@vt.edu)



Kelly Dobson &lt;kdobson@vt.edu&gt;

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May 3, 2016

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**From:** Kelly Dobson [mailto:kdobson@vt.edu]

**Sent:** Thursday, April 28, 2016 11:11 AM

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I would like to add one additional publication to the consideration as part of inclusion in my doctoral dissertation. In accordance with OSA copyright, I would like your permission to reprint in my dissertation excerpts from the following

Kyu B. Doh, Kelly Dobson, Ting-Chung Poon, and Po Sheun Chung, "Optical image coding with a circular Dammann grating," *Appl. Opt.* **48**, 134-139 (2009)

Figure 4, Figure 5b, Figure 6b and e, Figure 7, Figure 8, and Figure 9

These figures are included in my dissertation as part of a summary of past work. Figure 4 is used to illustrate the optical system used as part of the research in the dissertation. Through the access to the data used in this experiment I am able to generate the remaining figures (Figure 5b, Figure 6b and e, Figure 7, Figure 8, and Figure 9) for myself and may look similar to those in the publication.

Thank you,

Kelly Dobson

920 Kabrich Street

Blacksburg, VA 24060

[kdobson@vt.edu](mailto:kdobson@vt.edu)

On Wed, Apr 27, 2016 at 2:46 PM, Kelly Dobson <[kdobson@vt.edu](mailto:kdobson@vt.edu)> wrote:

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Figure 1, Figure 4, Figure 5

These figures are included in my dissertation as part of a summary of part work. Figure 1 is used to illustrate one of the optical systems in the research. Through the data collected during this experiment I am able to generate Figure 4 and Figure 5 for myself and may look similar to those in the publication.

(2) Zhou Xin, **Kelly Dobson**, Yukitaka Shinoda, and Ting-Chung Poon, "Sectional image reconstruction in optical scanning holography using a random-phase pupil," *Opt. Lett.* **35**, 2934-2936 (2010)

Figure 3 and Figure 4

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Figure 12, Figure 13, Figure 14, Figure 15, Figure 16, Figure 17, Figure 18

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(5) **Kelly K Dobson**, Wei Jia, and Ting-Chung Poon, "Anisotropic edge enhancement in optical scanning holography with spiral phase filtering," Chinese Optics Letters 14(1),010006 (2016).

Figure 1 and Figure 2

These figures are included in my dissertation as part of a summary of past work and both figures are used to illustrate the optical system used as part of the research in the dissertation.

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Rebecca Robinson

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**From:** Kelly Dobson [mailto:kdobson@vt.edu]

**Sent:** Thursday, April 28, 2016 6:33 PM



**To:** pubscopyright

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There is one final publication under consideration as part of inclusion in my doctoral dissertation. In accordance with OSA copyright, I would like your permission to reprint in my dissertation excerpts from the following

Guy Indebetouw and Wenwei Zhong, "Scanning holographic microscopy of three-dimensional fluorescent specimens," *J. Opt. Soc. Am. A* **23**, 1699-1707 (2006)

Figure 4 a and b, Figure 5

These are included in my dissertation as part of a future work section. I have used data provided from Dr. Indebetouw to generate results similar to Figure 4 a and b from the captured hologram in Figure 5. I have gone on to modify this for edge enhancement as an extension of my research.

Thank you,

Kelly Dobson

920 Kabrich Street

Blacksburg, VA 24060

[kdobson@vt.edu](mailto:kdobson@vt.edu)