

**Re: Copyright Permissions - Phys. Rev. B., Vol. 27, No. 9, 1983.**

Braeden Veenstra <BraedenVeenstra@cmail.carleton.ca>

Wed 2020-01-08 1:12 PM

To: HITACHI Akira <a.hitachi@kurenai.waseda.jp>

Dear Dr. Akira,

Thank you so much and thanks for the quick reply.

Cheers,

Braeden Veenstra

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**From:** HITACHI Akira <a.hitachi@kurenai.waseda.jp>

**Sent:** January 8, 2020 12:42 AM

**To:** Braeden Veenstra <BraedenVeenstra@cmail.carleton.ca>

**Subject:** Re: Copyright Permissions - Phys. Rev. B., Vol. 27, No. 9, 1983.

[External Email]

Braeden Veenstra

Carleton University, in Ottawa, Canada.

8 January 2020

Dear Braeden,

Thank you for your e-mail and your interest in my paper.

You have my permission to reproduce FIG 4 from our publication "Effect of ionization density on the time dependence of luminescence from liquid argon and xenon" published in Physical Review B, for your MSc study.

Good luck with your MSc.

Best wishes,

Akira

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Dr. Akira Hitachi  
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Waseda Research Institute for Science and Engineering,  
Waseda University  
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**差出人:** Braeden Veenstra <BraedenVeenstra@cmail.carleton.ca>

**送信日時:** 2020年1月8日 1:12

**宛先:** HITACHI Akira <a.hitachi@kurenai.waseda.jp>

**件名:** Copyright Permissions - Phys. Rev. B., Vol. 27, No. 9, 1983.

Dear Professor Hitachi,

I would like to request your permission to reproduce FIG 4 from your publication "Effect of ionization density on the time dependence of luminescence from liquid argon and xenon" published in Physical Review B. I have permission from the publisher, pending approval from an author. The purpose for reproducing this figure is for inclusion in my MSc thesis "Background Rejection in Two-Phase Xenon using Scintillation Pulse-Shape Discrimination for Neutrinoless Double-Beta Decay Searches", submitted as part of my degree requirements at Carleton University, in Ottawa, Canada.

Best Regards,  
Braeden Veenstra