



Bebah Wahid Nuryadin <bebehwahid102@uinsgd.ac.id>

---

## Your European Journal of Physics article aa7dbb - Proof for review

2 messages

---

**ejp@iop.org** <ejp@iop.org>  
To: bebehwahid102@uinsgd.ac.id

Mon, Jul 24, 2017 at 5:12 PM

Dear Dr Nuryadin

Re: "Do it yourself (D-I-Y): optical spectrometer for physics undergraduate instruction in nanomaterial characterization" by Nuryantini *et al*

Your proof is now available to review; please download it using the link below.

[Link to proof](#)

**Please supply an annotated PDF file using the strikethrough, replacement text and insert text functions. For other changes, please add a sticky note. Please ensure all changes are visible via the "Comments" list in the annotated PDF so that your corrections are not missed. Please do not resupply a new source file because it is difficult to identify corrections and some could be missed.**

This is your last opportunity to make corrections to your article; please read the proof carefully and be sure to answer any queries. Please let us know of any corrections by 27 July 2017.

Please read the instructions on the web page before returning your corrections. Your corrections can be uploaded using the link above.

Please contact us if we can be of any assistance. We look forward to receiving your corrections soon.

Yours sincerely

Aaron Meek  
Production Editor  
European Journal of Physics  
[ejp@iop.org](mailto:ejp@iop.org)

---

**Bebah Wahid Nuryadin** <bebehwahid102@uinsgd.ac.id>

Tue, Jul 25, 2017 at 5:32 AM

To: ade yeti Nuryantini <adeyetin@gmail.com>, ade.yeti@uinsgd.ac.id, Ea Cahya Septia Mahen <ea.cahya@gmail.com>, asti sawitri <sawitri.asti@gmail.com>, asti sawitri <sawitriasti@gmail.com>

[Quoted text hidden]



Bebeh Wahid Nuryadin <bebehwahid102@uinsgd.ac.id>

---

## Our decision on your Paper: EJP-102670.R3

1 message

---

European Journal of Physics <onbehalf+ejp+iop.org@manuscriptcentral.com>

Fri, Jun 30, 2017 at  
3:29 PM

Reply-To: [ejp@iop.org](mailto:ejp@iop.org)

To: [ade.yeti@uinsgd.ac.id](mailto:ade.yeti@uinsgd.ac.id), [Ea.cahya@uinsgd.ac.id](mailto:Ea.cahya@uinsgd.ac.id), [sawitriasti@gmail.com](mailto:sawitriasti@gmail.com), [bebehwahid102@uinsgd.ac.id](mailto:bebehwahid102@uinsgd.ac.id),  
[bebehwahid102@gmail.com](mailto:bebehwahid102@gmail.com)

Dear Dr Nuryadin,

Re: "Do it yourself (D-I-Y): optical spectrometer for physics undergraduate instruction in nanomaterial characterization" by Nuryantini, Ade; Mahen, Ea; Sawitri, Asti; Nuryadin, Bebeh  
Article reference: EJP-102670.R3

We are pleased to tell you that we have provisionally accepted your Paper for publication in European Journal of Physics. Any further comments from the referees can be found below and/or attached to this message. Please note that the referees have mentioned a further minor corrections that must be made to the article at the proof stage.

Our editorial team will now perform some final checks to ensure that we have everything we need to publish your Paper. These checks will enable our production team to publish your Paper as quickly and efficiently as possible. Once this is confirmed, your article will be formally accepted and we will inform you of this via email.

Your accepted manuscript (<http://iopscience.iop.org/page/acceptedmanuscripts>) will be made available online within 24 hours of formal acceptance, unless you decided to opt out during the submission process.

If you have chosen to publish your Paper on an Open Access basis, you will be responsible for ensuring that the article publication charge (APC) is paid in full. Once your Paper has been accepted, we will not be able to change the Open Access status of your manuscript.

All articles published by IOP Publishing are available online to readers at <http://iopscience.org/>. For more information, please contact our Customer Services department at [custserv@iop.org](mailto:custserv@iop.org). For advice on complying with US funder requirements, please go to <http://iopscience.iop.org/info/page/chorus>.

Thank you for choosing to publish in European Journal of Physics. We look forward to publishing your Paper.

Yours sincerely

Stephanie White

On behalf of the IOP peer-review team:

Dr Ben Sheard - Editor

Dr Stephanie White – Associate Editor

Lucy Joy – Editorial Assistant

[ejp@iop.org](mailto:ejp@iop.org)

and Iain Trotter – Associate Publisher

IOP Publishing

Temple Circus, Temple Way, Bristol

BS1 6HG, UK

[www.iopscience.org/ejp](http://www.iopscience.org/ejp)

Impact Factor: 0.614

REFeree REPORT(S):

Referee: 2

COMMENTS TO THE AUTHOR(S)

The manuscript has reached a satisfactory form; all the observations and advices have been accomplished, except one of minor relevance which was asked in my previous report and not satisfactory answered. I think its final definition may be done in the editing phase by agreement with the authors.

Referee: Editorial Board Member

COMMENTS TO THE AUTHOR(S)

The authors use the term intensity. In optics intensity in the form of radiant intensity is a well defined quantity (see e.g. Palmer, Getting intense on intensity, Metrologia 30, 371 (1993)). I suggest that the authors get rid of this usually very vague and undefined term intensity and uses appropriate radiometric quantities when describing the phenomena or other words such as signal strength etc..

Letter reference: ERWSA01



**EJP\_74\_report.pdf**

66K



Bebeh Wahid Nuryadin <bebehwahid102@uinsgd.ac.id>

---

## Your revised submission to Eur. J. Phys.: EJP-102670.R2

1 message

---

European Journal of Physics <onbehalf+ejp+iop.org@manuscriptcentral.com>

Fri, May 12, 2017 at  
12:55 PM

Reply-To: [ejp@iop.org](mailto:ejp@iop.org)

To: [ade.yeti@uinsgd.ac.id](mailto:ade.yeti@uinsgd.ac.id), [Ea.cahya@uinsgd.ac.id](mailto:Ea.cahya@uinsgd.ac.id), [sawitriasti@gmail.com](mailto:sawitriasti@gmail.com), [bebehwahid102@uinsgd.ac.id](mailto:bebehwahid102@uinsgd.ac.id),  
[bebehwahid102@gmail.com](mailto:bebehwahid102@gmail.com)

Dear Dr Nuryadin,

Re: "Do it yourself (D-I-Y): optical spectrometer for physics undergraduate instruction in nanomaterial characterization" by Nuryantini, Ade; Mahen, Ea; Sawitri, Asti; Nuryadin, Bebeh  
Article reference: EJP-102670.R2

Thank you for submitting your revised Paper, which will be considered for publication in European Journal of Physics. The reference number for your article is EJP-102670.R2. Please quote this number in all future correspondence regarding this manuscript.

As the submitting author, you can follow the progress of your article by checking your Author Centre after logging in to <https://mc04.manuscriptcentral.com/ejp-eps> Once you are signed in you will be able to track the progress of your article, read the referee reports and send us your electronic files.

This journal makes manuscripts available to readers on the journal website within 24 hours of acceptance. Please be aware that if you did not tick the relevant opt-out box on the submission form, the accepted version of your manuscript will be visible on the journal's website before it is proof-read and formatted to our house style.

If you are planning any press activity for your article, or are currently engaging in an IP or patent application, you may wish to opt-out of making your accepted manuscript immediately available online. If you do not wish to make the accepted version of your manuscript immediately visible to readers, and have not ticked the opt-out box during submission, please let us know as soon as possible.

Please do not hesitate to contact us if we can be of assistance to you.

Yours sincerely

On behalf of the IOP peer-review team:

Dr Ben Sheard - Editor

Dr Stephanie White – Associate Editor

Lucy Joy – Editorial Assistant

[ejp@iop.org](mailto:ejp@iop.org)

and Iain Trotter – Associate Publisher

IOP Publishing

Temple Circus, Temple Way, Bristol

BS1 6HG, UK

[www.iopscience.org/ejp](http://www.iopscience.org/ejp)

Letter reference: SAu07



Bebeh Wahid Nuryadin <bebehwahid102@uinsgd.ac.id>

---

## Our decision on your revised article: EJP-102670.R1

2 messages

---

European Journal of Physics <onbehalf+ejp+iop.org@manuscriptcentral.com>

Fri, May 5, 2017 at  
3:47 PM

Reply-To: [ejp@iop.org](mailto:ejp@iop.org)

To: [bebehwahid102@uinsgd.ac.id](mailto:bebehwahid102@uinsgd.ac.id), [bebehwahid102@gmail.com](mailto:bebehwahid102@gmail.com)

Dear Dr Nuryadin,

Re: "Do it yourself (D-I-Y): optical spectrometer for physics undergraduate instruction in nanomaterial characterization" by Nuryantini, Ade; Mahen, Ea; Sawitri, Asti; Nuryadin, Bebeh  
Article reference: EJP-102670.R1

We have now received the referee report(s) on your Paper, which is being considered by European Journal of Physics.

The referee(s) have recommended that you make further minor amendments to your article. The referee report(s) can be found below and/or attached to this message. You can also access the reports at your Author Centre, at <https://mc04.manuscriptcentral.com/ejp-eps>

Please consider the referee comments and amend your article according to the recommendations. You should then send us a clean final version of your manuscript. Please also send (as separate files) point-by-point replies to the referee comments and either a list of changes you have made or an additional copy of your manuscript with the changes highlighted. This will aid our referees in reviewing your revised article. Please upload the final version and electronic source files to your Author Centre by 12-May-2017.

If we do not receive your article by this date, it may be treated as a new submission, so please let us know if you will need more time.

We look forward to hearing from you soon.

Yours sincerely

Stephanie White

On behalf of the IOP peer-review team:

Dr Ben Sheard - Editor

Dr Stephanie White – Associate Editor

Lucy Joy – Editorial Assistant

[ejp@iop.org](mailto:ejp@iop.org)

and Iain Trotter – Associate Publisher

IOP Publishing

Temple Circus, Temple Way, Bristol

BS1 6HG, UK

[www.iopscience.org/ejp](http://www.iopscience.org/ejp)

REFeree REPORT(S):

Referee: 1

COMMENTS TO THE AUTHOR(S)

This manuscript by Nuryantini et al is a greatly revised version of an earlier submission. The quality of the presentation, especially the English, is greatly improved, and most of the recommendations of the referees have been

incorporated.

There is still one issue I would like to see clarified before I can recommend publication. As the primary mission of European Journal of Physics is to assist in maintaining and improving the standard of taught physics in universities and other institutes of higher education, I believe that good educational practice should be followed throughout the manuscript.

My concern is with figure 6. Since the first submission error bars have been added to the data points, but the rest of the analysis is not convincing. Currently, the slope, 13.412, is quoted to 5 significant figures, without an error – this is unacceptable. There exist very well-known techniques for performing weighted least squares fit to a straight line; see, for example, Section 8.9 of An Introduction to Error Analysis, J R Taylor (University Science Books; 2nd edition 1996), or Section 6.3 of Measurements and their Uncertainties: A practical guide to modern error analysis, I Hughes and T Hase (Oxford University Press, 2010). When this figure is described in the text, I do not understand the sentence “Thus, the Beer–Lambert law was used when measuring the concentration of the CNP solution to obtain accurate results”. Chapter 1 of Measurements and their Uncertainties has a very clear discussion of the difference between precision and accuracy. The authors need to calculate the error associated with the slope of 13.412, and then they can mention the precision. If the slope of this graph has been predicted, then they can compare the value to the 13.412 they measure, and discuss accuracy. If they want to verify that the data in figure 6 do indeed fit onto a straight line, in accordance with eqn.6, then something like a chi-squared test (An Introduction to Error Analysis Chapter 12; Measurements and their Uncertainties, Chapters 6 and 8) should be used.

Referee: 2

COMMENTS TO THE AUTHOR(S)

The much better English of this version have highlighted many issues that require revision, explanation and refinements.

Letter reference: DRWMI01

---

 **EJP72-102670.R1\_report.pdf**  
518K

---

**Bebeh Wahid Nuryadin** <bebehwahid102@uinsgd.ac.id>

Fri, May 5, 2017 at 4:02 PM

To: ade.yeti@uinsgd.ac.id, ade yeti Nuryantini <adeyetin@gmail.com>, Ea Cahya Septia Mahen <ea.cahya@gmail.com>, bebeh wahid <bebehwahid102@gmail.com>, asti sawitri <sawitriasti@gmail.com>

[Quoted text hidden]

---

 **EJP72-102670.R1\_report.pdf**  
518K



**Bebah Wahid Nuryadin** <bebehwahid102@uinsgd.ac.id>

---

## Your European Journal of Physics article aa7dbb - Article published

2 messages

---

**ejp@iop.org** <ejp@iop.org>  
To: bebehwahid102@uinsgd.ac.id

Wed, Aug 16, 2017 at 9:34 PM

Dear Dr Nuryadin

Re: "Do it yourself: optical spectrometer for physics undergraduate instruction in nanomaterial characterization" by Nuryantini *et al*

We are pleased to let you know that your article has now been published online, and is available at <https://doi.org/10.1088/1361-6404/aa7dbb>. Please be aware it may take 2-3 hours for that link to become active.

As this article has now been published, no further proof changes can be made.

You can order reprints of your published article directly from the online article using the "Buy this article in print" button within the Article Information section.

Thank you for your contribution to European Journal of Physics , and we hope you will consider sending your next article to us.

Yours sincerely

Aaron Meek  
Production Editor  
European Journal of Physics  
[ejp@iop.org](mailto:ejp@iop.org)

---

**Bebah Wahid Nuryadin** <bebehwahid102@uinsgd.ac.id>  
To: ade yeti Nuryantini <adeyetin@gmail.com>, ade.yeti@uinsgd.ac.id

Fri, Jan 12, 2018 at 7:26 AM

[Quoted text hidden]