

Permissions

T & F Reference Number: P041714-05

4/17/2014

Anamitra Pal
503-H Sunridge Drive
Blacksburg, VA 24060
anam86@vt.edu

Dear Anamitra:

We are in receipt of your request to reproduce your article

Anamitra Pal, J. S. Thorp, Taufiqar Khan, S. Stanley Young (2013)
Classification Trees for Complex Synchrophasor Data
Electric Power Components and Systems 41(14): 1381-1396.

for use in your dissertation

This permission is all for editions, both print and electronic.

We will be pleased to grant you permission free of charge on the condition that:

This permission is limited to non-exclusive English rights for this usage only.

This permission does not cover any third party copyrighted work which may appear in the material requested.

Full acknowledgement must be included showing article title, author, and full Journal title, reprinted by permission of Taylor & Francis LLC (<http://www.tandfonline.com>).

Thank you very much for your interest in Taylor & Francis publications. Should you have any questions or require further assistance, please feel free to contact me directly.

Sincerely,

Mary Ann Muller
Permissions Coordinator
Telephone: 215.606.4334
E-mail: maryann.muller@taylorandfrancis.com



RightsLink®

[Home](#)
[Account Info](#)
[Help](#)


Title: A PMU Placement Scheme
Ensuring Real-Time Monitoring of
Critical Buses of the Network

Author: Pal, A.; Sanchez-Ayala, G.A.;
Centeno, V.A.; Thorp, J.S.

Publication: IEEE Transactions on Power
Delivery

Publisher: IEEE

Date: April 2014

Copyright © 2014, IEEE

Logged in as:
Anamitra Pal
Account #:
3000500329

[LOGOUT](#)

Thesis / Dissertation Reuse

The IEEE does not require individuals working on a thesis to obtain a formal reuse license, however, you may print out this statement to be used as a permission grant:

Requirements to be followed when using any portion (e.g., figure, graph, table, or textual material) of an IEEE copyrighted paper in a thesis:

- 1) In the case of textual material (e.g., using short quotes or referring to the work within these papers) users must give full credit to the original source (author, paper, publication) followed by the IEEE copyright line © 2011 IEEE.
- 2) In the case of illustrations or tabular material, we require that the copyright line © [Year of original publication] IEEE appear prominently with each reprinted figure and/or table.
- 3) If a substantial portion of the original paper is to be used, and if you are not the senior author, also obtain the senior author's approval.

Requirements to be followed when using an entire IEEE copyrighted paper in a thesis:

- 1) The following IEEE copyright/ credit notice should be placed prominently in the references: © [year of original publication] IEEE. Reprinted, with permission, from [author names, paper title, IEEE publication title, and month/year of publication]
- 2) Only the accepted version of an IEEE copyrighted paper can be used when posting the paper or your thesis on-line.
- 3) In placing the thesis on the author's university website, please display the following message in a prominent place on the website: In reference to IEEE copyrighted material which is used with permission in this thesis, the IEEE does not endorse any of [university/educational entity's name goes here]'s products or services. Internal or personal use of this material is permitted. If interested in reprinting/republishing IEEE copyrighted material for advertising or promotional purposes or for creating new collective works for resale or redistribution, please go to http://www.ieee.org/publications_standards/publications/rights/rights_link.html to learn how to obtain a License from RightsLink.

If applicable, University Microfilms and/or ProQuest Library, or the Archives of Canada may supply single copies of the dissertation.

[BACK](#)
[CLOSE WINDOW](#)



RightsLink®

[Home](#)
[Account Info](#)
[Help](#)


Title: PMU placement for the central american power network and its possible impacts

Conference Proceedings: Innovative Smart Grid Technologies (ISGT Latin America), 2011 IEEE PES Conference on

Author: Sanchez, G.A.; Pal, A.; Centeno, V.A.; Flores, W.C.

Publisher: IEEE

Date: 19-21 Oct. 2011

Logged in as:
Anamitra Pal
Account #:
3000500329

[LOGOUT](#)

Copyright © 2011, IEEE

Thesis / Dissertation Reuse

The IEEE does not require individuals working on a thesis to obtain a formal reuse license, however, you may print out this statement to be used as a permission grant:

Requirements to be followed when using any portion (e.g., figure, graph, table, or textual material) of an IEEE copyrighted paper in a thesis:

- 1) In the case of textual material (e.g., using short quotes or referring to the work within these papers) users must give full credit to the original source (author, paper, publication) followed by the IEEE copyright line © 2011 IEEE.
- 2) In the case of illustrations or tabular material, we require that the copyright line © [Year of original publication] IEEE appear prominently with each reprinted figure and/or table.
- 3) If a substantial portion of the original paper is to be used, and if you are not the senior author, also obtain the senior author's approval.

Requirements to be followed when using an entire IEEE copyrighted paper in a thesis:

- 1) The following IEEE copyright/ credit notice should be placed prominently in the references: © [year of original publication] IEEE. Reprinted, with permission, from [author names, paper title, IEEE publication title, and month/year of publication]
- 2) Only the accepted version of an IEEE copyrighted paper can be used when posting the paper or your thesis on-line.
- 3) In placing the thesis on the author's university website, please display the following message in a prominent place on the website: In reference to IEEE copyrighted material which is used with permission in this thesis, the IEEE does not endorse any of [university/educational entity's name goes here]'s products or services. Internal or personal use of this material is permitted. If interested in reprinting/republishing IEEE copyrighted material for advertising or promotional purposes or for creating new collective works for resale or redistribution, please go to http://www.ieee.org/publications_standards/publications/rights/rights_link.html to learn how to obtain a License from RightsLink.

If applicable, University Microfilms and/or ProQuest Library, or the Archives of Canada may supply single copies of the dissertation.

[BACK](#)
[CLOSE WINDOW](#)



RightsLink®

[Home](#)
[Account Info](#)
[Help](#)


Title: Dynamic state prediction based on Auto-Regressive (AR) Model using PMU data

Conference Proceedings: Power and Energy Conference at Illinois (PECI), 2012 IEEE

Author: Fenghua Gao; Thorp, J.S.; Pal, A.; Shibin Gao

Publisher: IEEE

Date: 24-25 Feb. 2012

Logged in as:
Anamitra Pal
Account #:
3000500329

[LOGOUT](#)

Copyright © 2012, IEEE

Thesis / Dissertation Reuse

The IEEE does not require individuals working on a thesis to obtain a formal reuse license, however, you may print out this statement to be used as a permission grant:

Requirements to be followed when using any portion (e.g., figure, graph, table, or textual material) of an IEEE copyrighted paper in a thesis:

- 1) In the case of textual material (e.g., using short quotes or referring to the work within these papers) users must give full credit to the original source (author, paper, publication) followed by the IEEE copyright line © 2011 IEEE.
- 2) In the case of illustrations or tabular material, we require that the copyright line © [Year of original publication] IEEE appear prominently with each reprinted figure and/or table.
- 3) If a substantial portion of the original paper is to be used, and if you are not the senior author, also obtain the senior author's approval.

Requirements to be followed when using an entire IEEE copyrighted paper in a thesis:

- 1) The following IEEE copyright/ credit notice should be placed prominently in the references: © [year of original publication] IEEE. Reprinted, with permission, from [author names, paper title, IEEE publication title, and month/year of publication]
- 2) Only the accepted version of an IEEE copyrighted paper can be used when posting the paper or your thesis on-line.
- 3) In placing the thesis on the author's university website, please display the following message in a prominent place on the website: In reference to IEEE copyrighted material which is used with permission in this thesis, the IEEE does not endorse any of [university/educational entity's name goes here]'s products or services. Internal or personal use of this material is permitted. If interested in reprinting/republishing IEEE copyrighted material for advertising or promotional purposes or for creating new collective works for resale or redistribution, please go to http://www.ieee.org/publications_standards/publications/rights/rights_link.html to learn how to obtain a License from RightsLink.

If applicable, University Microfilms and/or ProQuest Library, or the Archives of Canada may supply single copies of the dissertation.

[BACK](#)
[CLOSE WINDOW](#)

Anamitra Pal

From: Emanuel E Bernabeu (VirginiaPower - 6) <emanuel.e.bernabeu@dom.com>
Sent: Monday, March 31, 2014 8:12 AM
To: Anamitra Pal
Cc: jsthorp@vt.edu
Subject: RE: Regarding usage of figures in my Dissertation

I, Emanuel Bernabeu, grant permission to Anamitra Pal to use the requested three figures from my dissertation.

Regards,
Emanuel

Emanuel Bernabeu, Ph.D.
Dominion Technical Solutions, Inc.
Electric Transmission Operations Engineering
Mobile: emanuel.e.bernabeu@dom.com
E-mail: 804-432-8780

From: Anamitra Pal [<mailto:anam86@vt.edu>]
Sent: Thursday, March 27, 2014 2:30 PM
To: Emanuel E Bernabeu (VirginiaPower - 6)
Cc: jsthorp@vt.edu
Subject: Regarding usage of figures in my Dissertation

Dear Emanuel,

I am Anamitra Pal, doing my PhD in the Center for Power Engineering (CPE) Group at Virginia Tech under Dr. Thorp. As part of my PhD Dissertation, I have used **three figures that you had created in your dissertation** in order to compare my results with yours. The said figures are sent as an attachment with this e-mail.

The graduate school wants me to have permission from you for using these figures in my Dissertation as they are your copyright. **So, can you kindly send me an email stating that you permit me to use these figures?** I will attach that permission letter with my PhD Dissertation when I submit it to the graduate school. Do let me know if you have any queries regarding it.

Thanking you in advance.

Regards,
Anamitra.

CONFIDENTIALITY NOTICE: This electronic message contains information which may be legally confidential and or privileged and does not in any case represent a firm ENERGY COMMODITY bid or offer relating thereto which binds the sender without an additional express written confirmation to that effect. The information is intended solely for the individual or entity named above and access by anyone else is unauthorized. If you are not the intended recipient, any disclosure, copying, distribution, or use of the contents

of this information is prohibited and may be unlawful. If you have received this electronic transmission in error, please reply immediately to the sender that you have received the message in error, and delete it. Thank you.

**Methodology for Performing Synchrophasor Data
Conditioning and Validation**

Journal:	<i>IEEE Transactions on Power Systems</i>
Manuscript ID:	TPWRS-00967-2013.R2
Manuscript Type:	Transactions
Date Submitted by the Author:	16-Mar-2014
Complete List of Authors:	Jones, Kevin; Virginia Tech, ECE; Home, Pal, Anamitra; Virginia Tech, ECE Thorp, James; Virginia Tech, ECE; Virginia Tech, Bradley Department of ECE
Technical Topic Area :	Power system estimation
Key Words:	Power system state estimation, Data processing, Kalman filtering, Synchrophasors, Data Conditioning