

# Bukti proses review pada jurnal

Nama Jurnal : International Journal of Power Electronics and Drive System (IJPEDS)

Judul paper : Transient response improvement of direct current using supplementary control based on ANFIS for rectifier in HVDC

Authors : I.M. Ginarsa; A.B. Muljono; I.M.A. Nrartha; S. Sultan

The screenshot shows the 'Active Submissions' page for an author on the IJPEDS website. The page features a navigation menu with options like HOME, ABOUT, USER HOME, SEARCH, CURRENT, ARCHIVES, and ANNOUNCEMENTS. The main content area displays a table of active submissions with columns for ID, MM-DD SUBMIT, SEC, AUTHORS, TITLE, and STATUS. A single submission is listed with ID 20521, submitted on 11-14, in the AI section, by authors Ginarsa, Muljono, Nrartha, and Sultan. The title is 'TRANSIENT RESPONSE IMPROVEMENT OF DIRECT CURRENT USING...'. The status is 'IN REVIEW'. Below the table, there are links for 'Start a New Submission' and 'Refbacs'. On the right side, there are several sidebar panels: 'USER' (logged in as kadekgin), 'NOTIFICATIONS', 'AUTHOR' (with links for Submissions: Active (1), Archive (0), New Submission), and 'JOURNAL CONTENT' (with search and browse options).

The screenshot shows the '#20521 Review' page for the same author. The page title is '#20521 Review' and it has tabs for SUMMARY, REVIEW, and EDITING. The 'Submission' section provides details about the paper, including authors (I Made Ginarsa, Agung Budi Muljono, I Made Ari Nrartha, Sultan Sultan), title ('Transient response improvement of direct current using supplementary control based on ANFIS for rectifier in HVDC'), section ('Soft\_Computing\_and\_Intelligent\_Systems'), and editor ('Padmanaban Sanjeevikumar, Ph.D'). The 'Peer Review' section shows 'Round 1' with a review version of '20521-38375-1-RV.PDF' initiated on 2019-11-17. The 'Editor Decision' section shows a decision of '-' and a notification for the editor to record the decision.



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## #20521 Summary

SUMMARY REVIEW EDITING

### Submission

Authors	I Made Ginarsa, Agung Budi Muljono, I Made Ari Nrartha, Sultan Sultan
Title	Transient response improvement of direct current using supplementary control based on ANFIS for rectifier in HVDC
Original file	<a href="#">20521-38374-1-SM.PDF</a> 2019-11-14
Supp. files	None
Submitter	Dr. I Made Ginarsa
Date submitted	November 14, 2019 - 08:32 AM
Section	Soft_Computing_and_Intelligent_Systems
Editor	Srinivasan Alavandar  (Review) Shahrin Md. Ayob  (Review) Padmanaban Sanjeevikumar  (Review)
Author comments	Dear Editor,  By this email we send the research paper "Transient response improvement of direct current using supplementary control based on ANFIS for rectifier in HVDC". We hope our paper will be considered to publish in the IJPEDS journal.  Thank you for your cooperation.  Best regard,  I M Ginarsa, et al.
Abstract Views	266

### Status

Status	Published Vol 11, No 4: December 2020
Initiated	2020-06-26
Last modified	2021-11-22

### Submission Metadata

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Bio Statement	—
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Affiliation	University of Mataram
Country	Indonesia
Bio Statement	—

### Title and Abstract

Title	Transient response improvement of direct current using supplementary control based on ANFIS for rectifier in HVDC
Abstract	Current control scheme is commonly used in high voltage direct current (HVDC) to transmit power delivery. This scheme is done by adjusting trigger angle to regulate direct current (DC) in thyristor devices. The adaptive neuro-fuzzy inference system (ANFIS) control is widely applied for start and fault operation. But, solution for transient response of DC current in HVDC system is not clearly studied before. In this paper, supplementary control (SC) based on ANFIS is proposed to improve the transient response of the current. The SC control is designed by learning-processes and SC parameters are obtained by data-training automatically. For current reference at 1.05 pu and up-ramp at 20 pu/s, maximum overshoot is achieved at 5.12% and 7.72% for the SC and proportional integral controller (PIC), respectively. When the up-ramp is increased to 28 pu/s, the maximum overshoot is achieved at 10.01% for the SC. While, the peak overshoot for the PIC is 14.28%.

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## #20521 Review

SUMMARY **REVIEW** EDITING

### Submission

Authors	I Made Ginarsa, Agung Budi Muljono, I Made Ari Nnartha, Sultan Sultan
Title	Transient response improvement of direct current using supplementary control based on ANFIS for rectifier in HVDC
Section	Soft_Computing_and_Intelligent_Systems
Editor	Srinivasan Alavandar  (Review) Shahrin Md. Ayob  (Review) Padmanaban Sanjeevikumar  (Review)

### Peer Review

#### Round 1

Review Version	<a href="#">20521-38375-1-RV.PDF</a> 2019-11-14
Initiated	2019-11-17
Last modified	2020-01-24
Uploaded file	None

### Editor Decision

Decision	Accept Submission 2020-06-10
Notify Editor	Editor/Author Email Record  2020-06-10
Editor Version	None
Author Version	<a href="#">20521-39635-1-ED.DOCX</a> 2020-06-04 <a href="#">DELETE</a>
Upload Author Version	<input type="button" value="Browse..."/> No file selected. <input type="button" value="Upload"/>



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## #20521 Editing

SUMMARY REVIEW **EDITING**

### Submission

**Authors** I Made Ginarsa, Agung Budi Muljono, I Made Ari Nrartha, Sultan Sultan

**Title** Transient response improvement of direct current using supplementary control based on ANFIS for rectifier in HVDC

**Section** Soft\_Computing\_and\_Intelligent\_Systems

**Editor** Srinivasan Alavandar (Review)  
Shahrin Md. Ayob (Review)  
Padmanaban Sanjeevikumar (Review)

### Copyediting

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	REQUEST	UNDERWAY	COMPLETE
1. Initial Copyedit File: <a href="#">20521-39664-1-CE.DOCX</a> 2020-06-10	2020-06-10	—	2020-06-10
2. Author Copyedit File: <a href="#">20521-39706-1-CE.DOCX</a> 2020-06-12 <input type="text" value="Browse..."/> No file selected. <input type="button" value="Upload"/>	2020-06-26	2022-12-20	
3. Final Copyedit File: None	2020-06-12	—	—

Copyedit Comments No Comments

### Layout

Galley Format	FILE	
1. PDF <a href="#">VIEW PROOF</a>	<a href="#">20521-40169-1-PB.PDF</a> 2020-09-10	303
Supplementary Files	FILE	None

Layout Comments No Comments

### Proofreading

[REVIEW METADATA](#)

	REQUEST	UNDERWAY	COMPLETE
1. Author	—	—	
2. Proofreader	—	—	—
3. Layout Editor	—	—	—

Proofreading Corrections No Comments [PROOFING INSTRUCTIONS](#)



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# CERTIFICATE

International Journal of Power Electronics and Drive Systems

is hereby awarding this certificate to

**I Made Ginarsa, Agung Budi Muljono, I Made Ari Nrartha,  
Sultan**

as **Authors** for paper entitled

*Transient response improvement of direct current using supplementary control based on*

*ANFIS for rectifier in HVDC*

for Vol 11 No 4: December 2020

Yogyakarta, October 15, 2020



Tole Sutikno  
Managing Editor