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## Fall Detection System for Elderly based on 2D LiDAR: A Preliminary Study of Fall Incident and Activities of Daily Living (ADL) Detection

 $\underline{\text{Miawarni, Herti}}^{a} \boxtimes \text{;} \quad \underline{\text{Sardjono, Tri Arief}}^{b} \boxtimes \text{;} \quad \underline{\text{Setijadi, Eko}}^{a} \boxtimes \text{;} \quad \underline{\text{Wijayanti}}^{a} \boxtimes \text{;} \quad \underline{\text{Arraziqi, Dwi}}^{a} \boxtimes \text{;}$ Gumelar, Agustinus Bimo<sup>a</sup> ⋈; Purnomo, Mauridhi Hery<sup>a</sup> ⋈

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#### Abstract

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#### Abstract

FDS (Fall Detection System) is a technology that is very essential for the elderly, in order to immediately get help when the fall incident happens. This paper aims to build a FDS dedicated to the elderly. We propose 2D LiDAR as the main sensor in FDS. In this case, 2D LiDAR has the duty to obtain information data in a room. FDS is demanded to be able to distinguish between fall incidents and ADL (Activities of Daily Living). This paper presents trials on various positions of the human body that can be detected as fall incidents or ADL. The trials aim to produce a dataset that will later be processed using K-NN and RF as a fall detection algorithm. From the results of the trials, 2D LiDAR sensor data can describe two information as detection points. RF produces accuracy up to 94% and K-NN produces maximum accuracy of 100%. © 2020 IEEE.

Author keywords

2D LiDAR; Elderly; Fall Detection System; K-Nearest Neighbor; Random Forest

Indexed keywords

#### Engineering controlled terms

Fall detection; Nearest neighbor search; Optical radar

#### Cited by 4 documents

XAI-Fall: Explainable AI for Fall Detection on Wearable Devices Using Sequence Models and XAI Techniques

Mankodiya, H., Jadav, D., Gupta, R. (2022) Mathematics

Fall Detection System on Smart Walker Based on Multisensor Data Fusion and SPRT Method

Ding, D.-M., Wang, Y.-G., Zhang, W. (2022) IEEE Access

A convolution neural network approach for fall detection based on adaptive channel selection of UWB radar signals

Wang, P., Li, Q., Yin, P. (2022) Neural Computing and Applications

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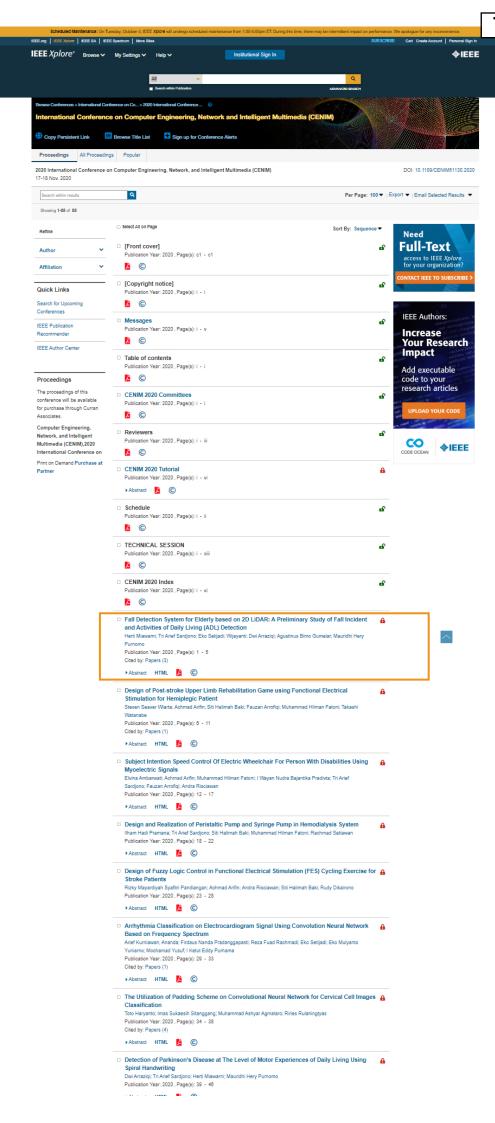








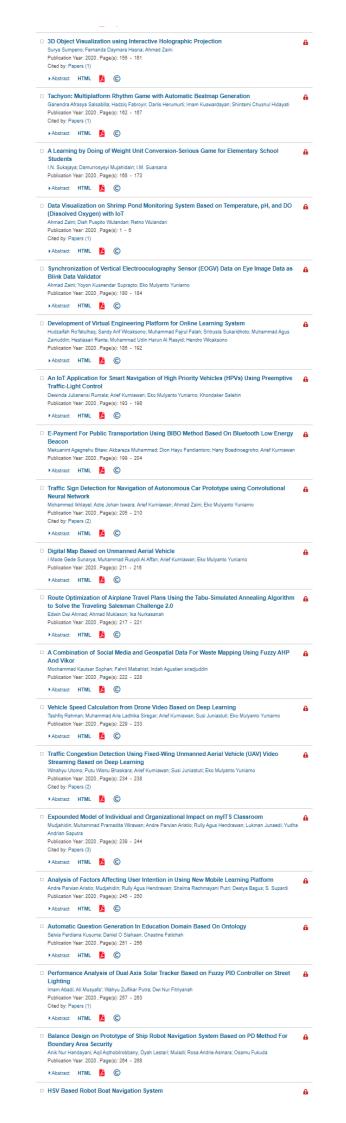




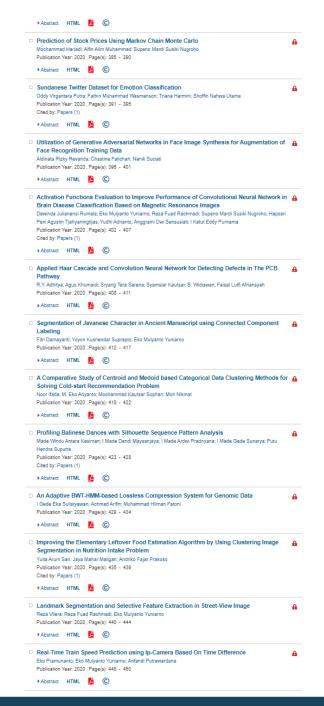
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ERSOW  Ers All Numberhalt, Reard Advayation Plannoid: Bayas Nagaria Daby Anyad. Nam Kumanto Wilbows. Bins Bors 88 pp. Desertion  Perhabetion frast 2007. Psych) 210 - 230  **Abstract HTML		▶ Abstract HTML <u>F</u> ©	
Ema Aff Numbranth Research Approximon Premiodal Bagua Nograta Deby Anypadi, Iwan Kumiamo Wibowe, Bina Seen Bagua Desardo Nariz 2002, Pages 20, 2002 - 2009			4
Publisher Name 2010, Progenity 2010 - 200  - Addrased HTML  - Boelign and Implementation Control of PID Controller of Dialysate Pump of Hemodialysis  - Mechanic Gament Adminish Afrin, Muhammad Hilman Fatent, Rachmad Setiasson  Publisheron Name 2010, Progenity 2012 - 201  - Information of Things Based User Oriented Wi-Fi Quality Analyzer  Aya Maramaddin Studder, Regyras Muslim pithades, Muhammad signal Izzul Hasp  - Publisheron Name 2010, Progenity 2012 - 201  - Addrased HTML  - Color Things Based User Oriented Wi-Fi Quality Analyzer  Aya Maramaddin Studder, Regyras Muslim pithades, Muhammad signal Izzul Hasp  - Publisheron Name 2010, Progenity 2012 - 202  - Addrased HTML  - Color Dialys Papers (International Papers)  - Anomaly-based Intrinsion Detection Approach for IoT Networks Using Machine Learning  - Paseal Markine Captern Nigotas. Zeplania Biternama; Wilera Treinglymana; Leki Jovial Mahoro, Tohasi Ahmad Publisheron Name 2010, Progenity 2013 - 200  - Anomaly-based Intrinsion Detection Approach for IoT Networks Using Machine Learning  - Paseal Markine Captern Nigotas. Zeplania Biternama; Wilera Treinglymana; Leki Jovial Mahoro, Tohasi Ahmad Publisheron Name 2010, Progenity 2013 - 200  - Anomaly-based Intrinsion Detection Approach for IoT Networks Using Machine Learning  - Paseal Markine Captern Nigotas. Zeplania Biternama; Wilera Treinglymana; Leki Jovial Mahoro, Tohasi Ahmad Publisheron Name 2010, Progenity 2013 - 201  - The Development Of Blackhole Attack in AODV Routing Protocol  - Rachard Angrow, Wilera Markine Adams Adams Adams (International Programs and International Programs a		Erna Alfi Nurrohmah; Renardi Adryantoro Priambudi; Bagus Nugraha Deby Ariyadi; Iwan Kurnianto Wibowo; Bima	
Design and Implementation Control of PID Controller of Dialysate Pump of Hemodialysis Mechine Mechine General Samuel: Advanda Arifot, Muhammad Hilban Faton, Radmad Sedawan Publisation Name 2000, Pageol; 2012 - 201  Internet of Things Based User Oriented Wi-Fi Quality Analyzer Aly Maramadio Shiddor, Royana Muslim jihadei; Muhammad iqual Izzul Hosp Publisation Name 2009, Pageol; 2012 - 202  Indonesian Malal Food Integrity: Blockchain Platform Name Verany, Name Radmanus; Glosso Sideoso, Jan Mel Soon Publisation Name 2000, Pageol; 2017 - 202  Anomaly-based Intrinsion Detection Approach for Io T Networks Uning Machine Learning Passal Markine; Gene Milysaba, Saphane Bizmanu; Videna Twingpirmana; Leki Javial Mahoro, Tohari Ahmad Publisation Name 2000, Pageol; 2017 - 202  Anomaly-based Intrinsion Detection Approach for Io T Networks Uning Machine Learning Passal Markine; Gene Milysaba, Saphane Bizmanu; Videna Twingpirmana; Leki Javial Mahoro, Tohari Ahmad Publisation Name 2000, Pageol; 2017 - 202  The Development Of Blackhole Attack in AODV Routing Protocol Basilyo Angopor, Wiley Sisad; Any Martamadion Shiddor, Royana Igihadei; Suhad Lift Dimas Wildys Liesto Passalyo Angopor, Wiley Sisad; Any Martamadion Shiddor, Royana Igihadei; Suhad Lift Dimas Wildys Liesto Passalyo Angopor, Wiley Sisad; Any Martamadion Shiddor, Royana Igihadei; Suhad Lift Dimas Wildys Liesto Passalyo Angopor, Wiley Sisad; Any Martamadion Shiddor, Royana Igihadei; Suhad Lift Dimas Wildys Liesto Passalyo Angopor, Wiley Sisad; Any Martamadion Model based on Time Periodic Analysis Darries Transcription For Election Model Dased on Time Periodic Analysis Darries Transcription For Election Name 2000, Pageol; 2017 - 202  Pageol; 2017 - 202  Angeol; 2017 - 202  Angeol; 2017 - 202  Pageol; 2017 - 202  P			
Machine Gentral Samust L-Annual Anfint, Muhammad Hilliam Faton, Raphmad Setawan Publisation Year 2000, Pageols 2012 - 201  A Setatoric HTML  A Setatoric HTML  Collision Fator (Pageols) 2012 - 202  A Setatoric HTML  Collision Fator (Pageols) 2012 - 202  A Setatoric HTML  Collision Fator (Pageols) 2012 - 202  A Setatoric HTML  Collision Fator (Pageols) 2012 - 202  A Setatoric HTML  Collision Fator (Pageols) 2012 - 202  A Setatoric HTML  Collision Fator (Pageols) 2012 - 202  A Setatoric HTML  Collision Fator (Pageols) 2012 - 202  A Setatoric HTML  Collision Fator (Pageols) 2012 - 202  A Setatoric HTML  Collision Fator (Pageols) 2012 - 202  A Setatoric HTML  Collision Fator (Pageols) 2012 - 203  The Development Of Blackhole Attack in AODV Routing Protocol  Rapido Angeon, Mary States (Pageols) 2012 - 204  The Development Of Blackhole Attack in AODV Routing Protocol  Rapido Angeon, Mary States (Pageols) 2012 - 204  A New Approach of Bother Activity Detection Model based on Time Periodic Analysis Development (Pageols) 2012 - 204  A New Approach of Bother Activity Detection Model based on Time Periodic Analysis Development (Pageols) 2013 - 203  A Revertical HTML  Collision Fator (Pageols) 2013 - 203  Single Stant Algorithm for Flexibility of Dynamic Allocation in DHCP Server for SOHO  Miller Stant Mary (Pageols) 2013 - 202  A Revertic HTML  Collision Fator (Pageols) 2013 - 203  Single Stant Algorithm for Flexibility of Dynamic Allocation in DHCP Server for SOHO  Miller Stant Mary (Pageols) 2013 - 203  Allocation Fator (Pa		Abstract HTML [6] ©	
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Publication Name 2009. Page(s): 202 - 209  **Abstract HTML **  **  **  **  **  **  **  **  **  **			•
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Ivan Namary, Nur An Rahmawatti, Sulesso Sulesso, Jan Mel Soon   Publication Nama 2000   Pageing 107 + 302			
Case by Papers (2)  Anomaly-based Intrusion Detection Approach for IoT Networks Using Machine Learning Pasca Mannink, Ephran Nivgaba. Zephane Bizmana, Valent Twinnipyimana, Likil Joval Malnore, Tohan Armad Publiscion Year 2020. Papers) 303 - 308  Clied by Papers (2)  A Bread Papers (Nahy Saudi. Any Machandoin Shiddig. Royyana Ighadie. Suhadi Ult. Dinas Widya Liesto Panungalas  Publiscion Year 2020. Papers) 300 - 314  A Activast. HTML		Iwan Vanany; Nur Aini Rakhmawati; Sukoso Sukoso; Jan.Mei Soon	•
Anomaly-based Intrusion Detection Approach for IoT Networks Using Machine Learning Pascal Materior, Epithem Nejopias. Zephanie Bisemana; Valens Twinggimana; Leki Jovial Malnor; Tohari Ahmad Philatison (**ar. 2020 Pageis): 303 - 308			
Pasad Marinho, Ephren Nigrigaba. Zephanie Bizmana. Valens Turingyimana, Lebi Jovial Mahoro, Tohari Ahmad Publication (ivar. 2020). Pageligi. 33 - 303 Cited by Papers (3)  **Abatract HTML		▶Abstract HTML 🥻 ©	
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Abstract HTML		Publication Year: 2020 , Page(s): 303 - 308	
Radipo Aragono: Webryu Suadi: Ary Machanuddin Shiddiqi, Rioyyana (Shadie: Suhadi Liki; Dimas Widya Liestio Parumiglass Publication Year: 2000. Page(s): 309 - 314  * Astasact MTML  * A New Approach of Botnet Activity Detection Model based on Time Periodic Analysis Dandy Pramara Instrudia, Tohan Ahmat, Wastatho Wibisono Publication Year: 2000. Page(s): 315 - 320 Cited by: Papers (3)  * Simple Smart Algorithm for Flexibility of Dynamic Allocation in DHCP Server for SOHO Wireless Router  * Webryal Alman Spirity: Yesus Akin Ad Soetirano: Aguing Budi Prasetijo Publication Year: 2000. Page(s): 321 - 325  * Abstract MTML  * ©  * Investigation of Coverage and Signal Quality of LoRaWAN Network in Urban Area Roal-Agriations of Mis Shadpron; Kunimaningsih Kumianingsih; I Ketut Aguing Emiko Publication Year: 2000. Page(s): 328 - 331  * Abstract MTML  * ©  Open Set Deep Networks Based on Extreme Value Theory (EVT) for Open Set Recognition in Skin Disease Classification Vordan Yain: Devinda Adiamensi Flumial; Mauridh Hey Pumono; Anak Aguing Putri Ratna; Aff Nurul Hidayatti; Ingrik Nutrion; Rears and Rehmand; I Ketut Eddy Pumama Publication Year: 2000. Page(s): 332 - 337  * Abstract MTML  * ©  A Novel Herbal Leaf Identification and Authentication Using Deep Learning Neural Network Hayono; Inhand Anam. Arm Sainh Publication Year: 2000. Page(s): 343 - 342 Cited by: Papers (1)  * Abstract MTML  * ©  Cognitive Classification Based on Revised Bioom's Taxonomy Using Learning Vector Quantization Elos Subjunction: Ahmad Ashari, Sugrapto Publication Year: 2000. Page(s): 343 - 343 Cited by: Papers (2)  * Abstract MTML  * ©  * Carrotid Artery Segmentation on Ultrasound Image using Deep Learning based on Non-Local Means-based Speciale Filtering A) Saptare MTML  * ©  * Carrotid Artery Segmentation on Ultrasound Image using Deep Learning based on Non-Local Means-based Speciale Filtering A) Saptare MTML  * ©  * Carrotid Artery Segmentation on Ultrasound Image using Deep Learning based on Non-Local Means-based Speciale Filtering A) Saptare M			
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A New Approach of Botnet Activity Detection Model based on Time Periodic Analysis Dandy Pramana Hostisdi, Tohan Ahmast, Waskitho Wibisono Patilication Year, 2000, Page(s), 315 - 320 Clad by, Papers (2)  **Abstract HTML \$ ©  Simple Smart Algorithm for Flexibility of Dynamic Allocation in DHCP Server for SOHO Wirelass Router Wileyla Amens Systels; Yossus Akin Ad Scentriors, Aguing Budi Prasetijo Publication Year, 2000, Page(s), 321 - 325  **Abstract HTML \$ ©  Investigation of Coverage and Signal Quality of LoRaWAN Network in Urban Area Roui Aguintoro; Amin Subargono; Kumianingsih Kumianingsih; I Ketut Aguing Enriko Publication Year, 2000, Page(s), 323 - 331  **Abstract HTML \$ ©  Open Set Deep Networks Based on Extreme Value Theory (EVT) for Open Set Recognition in Skin Disease Classification Vordan Year, 2000, Page(s), 323 - 331  **Abstract HTML \$ ©  A Novel Herbal Leaf Identification and Authentication Using Deep Learning Neural Network Haryono; Natural Aram, Arm Saih Publication Year, 2009, Page(s), 333 - 342 Clad by Papers (2)  **Abstract HTML \$ ©  Kawi Character Recognition on Copper Inscription Using YOLO Object Detection Rachmal Santoso; Yoyin Kuanendar Suprapto Publication Year, 2009, Page(s), 343 - 343 Clad by Papers (2)  **Abstract HTML \$ ©  Cognitive Classification Based on Revised Bloom's Taxonomy Using Learning Vector Quantization Elo Subjustation; Ahmad Ashari; Suprapto Publication Year, 2009, Page(s), 349 - 343  **Abstract HTML \$ ©  Data Balancing Techniques Evaluation on Convolutional Neural Network to Classify The Dilabetic Retinopatity of Fundus Image Virus Alvioras, Manamash Nutr, Nasta Firryaul Hismah Publication Year, 2009, Page(s), 340 - 353  **Abstract HTML \$ ©  Data Balancing Techniques Evaluation on Ultrasound Image using Deep Learning based on Non-Local Means-based Speckle Filtering A) Sagar Paramiden; Elo Mulyanto Virusano, J. Nagrobo; I Made Gede Sunarya; I Ketut Eddy Purnama Publication Year, 2009, Page(s), 350 - 357  Clad by Papers (1)  **Abstract HTML \$ ©  Gamelan Orchestra Transcrip		Pamungkas	
A New Approach of Botnet Activity Detection Model based on Time Periodic Analysis  Dandy Pramana Hostasic (Tohan Ahmad; Waskitho Wibisono Publication Year; 2020, Page(s): 15 - 320  Clade by Pagers; (2)  Abstract HTML			
Dondy Pramman Hostisati, Totari Ahmad, Waskitho Wibisono Publication Nazr 2020, Page(s): 315 - 320 Oned by: Pagers (2)  Abstract HTML	0		•
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Open Set Deep Networks Based on Extreme Value Theory (EVT) for Open Set Recognition in Skin Disease Classification Yordran Yasin; Devinda Julianensi Rumala; Mauridhi Hery Purnomo; Anak Agung Putri Ratna; Afif Nurul Hidayati, Ingik Nuraino; Reaz Fued Rachmadi; I Ketut Eddy Purnama Publication Year: 2020, Page(s): 332 - 337  ➤ Abstract HTML		Publication Year: 2020 , Page(s): 326 - 331	
Skin Disease Classification  Vordan Yasin, Dewinda Julianensi Rumala: Mauridhi Hery Purnomo: Anak Agung Putri Ratna; Aff Nurul Hidayati. Ingrid Nurtanio; Reza-Fuad Rachmadi; Ketut Eddy Purnama  Publication Year: 2020, Page(s): 332 - 337  * Abstract HTML © ©  A Novel Herbal Leaf Identification and Authentication Using Deep Learning Neural Network Hapyonc; Khairul Anam; Azmi Saleh Publication Year: 2020, Page(s): 338 - 342 Cited by: Papers (1)  * Abstract HTML © ©  Kawi Character Recognition on Copper Inscription Using YOLO Object Detection Rachmat Santose; Yoyon Kusnendar Suprapto; Eko Mulylanto Yuniamo  Publication Year: 2020, Page(s): 343 - 348 Cited by: Papers (2)  * Abstract HTML © ©  Cognitive Classification Based on Revised Bloom's Taxonomy Using Learning Vector Quantization  Eko Subiyantory; Ahmad Ashart; Suprapto  Publication Year: 2020, Page(s): 349 - 353  * Abstract HTML © ©  Data Balancing Techniques Evaluation on Convolutional Neural Network to Classify The Diabetic Retinopathy of Fundus Image Vina Alvonita; Mohammad Nuh; Nada Firieyatul Hikmah Publication Year: 2020, Page(s): 354 - 359  * Abstract HTML © ©  Carotid Artery Segmentation on Ultrasound Image using Deep Learning based on Non-Local Means-based Speckle Filtering Al Sapta Pramulen; Eko Mulyanto Yuniamo, J. Nugroho; I Made Gede Sunarya; I Ketut Eddy Purnama Publication Year: 2020, Page(s): 380 - 385 Cited by: Papers (1)  * Abstract HTML © ©  The Utilization of Cloud Computing for Facial Expression Recognition using Amazon Web Services Gegorius Rafael: Hendra Kusuma; Tsaripan Publication Year: 2020, Page(s): 380 - 370 Cited by: Papers (1)  * Abstract HTML © ©  Gemelian Orchestra Transcription Using Neural Network Dewn Nordyah; Yoyon K Suprapto; Eko Mulyanto Yuniamo Publication Year: 2020, Page(s): 371 - 376	_		
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Publication Year: 2020, Page(s): 349 - 353  ➤ Abstract HTML ⓒ  Data Balancing Techniques Evaluation on Convolutional Neural Network to Classify The Diabetic Retinopathy of Fundus Image Vina Alvionia: Whammad Nuki Nada Firieyatul Hikmah Publication Year: 2020, Page(s): 354 - 359  ➤ Abstract HTML ⓒ  Carotid Artery Segmentation on Ultrasound Image using Deep Learning based on Non-Local Means-based Speckle Filtering Alj Sapta Pramulen; Eko Mulyanto Yuniarno: J. Nugroho: I Made Gede Sunarya; I Ketut Eddy Purnama Publication Year: 2020, Page(s): 360 - 365 Cized by: Papers (1)  ➤ Abstract HTML ⓒ  The Utilization of Cloud Computing for Facial Expression Recognition using Amazon Web Services Gregorius Rafael, Hendra Kusuma; Tasripan Publication Year: 2020, Page(s): 366 - 370 Cized by: Papers (1)  ➤ Abstract HTML ⓒ  Gamelan Orchestra Transcription Using Neural Network Dewi Nurlayh, Yeyon K. Supragio: Eko Mulyanto Yuniarno Publication Year: 2020, Page(s): 371 - 376		Yordan Vasin; Dewinda Julianensi Rumalar, Mauridhi Hery Purnomo; Anak Agung Putri Ratna; Aff Nurul Hidayati. Ingird Nurtanio; Reza Fuad Rachmadi; I Ketut Eddy Purnama Publication (Vest: 2020, Pageis): 332 - 337  ➤ Abstract HTML	4
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Cited by: Papers (1)  Abstract HTML  © ©  Gamelan Orchestra Transcription Using Neural Network  Dewi Nurdiyah; Yoyon K. Suprapto, Eko Mulyanto Yuniamo  Publication Year: 2020, Page(s): 371 - 376		Yordan Vasin; Dewinda Julianensi Rumalar, Maundih Hery Pumomo; Anak Agung Putri Ratna; Affi Nurul Hidayati: Ingird Nutranio; Reza Fuad Rachmadi; I Ketut Eddy Pumama Publication (Vasir: 2020, Page(s): 332 - 337  Abstract HTML	4
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