

**LEMBAR  
HASIL PENILAIAN SEJAWAT SEBIDANG ATAU PEER REVIEW  
KARYA ILMIAH : JURNAL ILMIAH**

Judul karya ilmiah (artikel) : Audit Committee Characteristics and Integrated Reporting: Empirical Study of Companies Listed in Johannesburg Stock Exchanges  
 Jumlah Penulis : 2 Orang  
 Status Pengusul : Penulis ke 2  
 Nama Penulis : **Dr. Indira Januarti, SE, M.Si, Akt**

Identitas Jurnal Ilmiah :  
 a. Nama Jurnal : European Research Study Journal  
 b. Nomor ISSN : ISSN: 11082976  
 c. Volume, nomor, bulan, tahun : Vol XX (4B), 2017 305-318  
 d. Penerbit : University of Piraeus, International Strategic Management Association  
 e. DOI artikel (jika ada) : DOI: 10.35808/ersj/892  
 f. Alamat web jurnal : http://www.ersj.eu/index.php?option=com\_docman&task=doc\_details&gid=892&Itemid=154  
 g. Terindeks di scimagojr / Thomson Reufer ISI knowledge atau di nasional / terindeks di DOAJ, CABI, Copernicus : scimagojr, Q2

Kategori Publikasi Jurnal Ilmiah :  Jurnal Ilmiah Internasional /Internasional bereputasi  
 (beri ✓ pada kategori yang tepat)  Jurnal Ilmiah Nasional Terakreditasi  
 Jurnal Ilmiah Nasional/ Nasional terindeks di DOAJ, CABI, Copernicus

Hasil Penilaian Peer Review :

Komponen Yang Dinilai	Nilai Maksimal Jurnal Ilmiah					Nilai Akhir Yang Diperoleh
	Internasional bereputasi (Maks 30)	Internasional	Nasional Terakreditasi	Nasional Tidak Terakreditasi	Nasional Terindeks DOAJ dll.	
a. Kelengkapan unsur isi artikel (10%)	3					2,8
b. Ruang lingkup dan kedalaman pembahasan (30%)	9					8,4
c. Kecukupan dan kemutahiran data/informasi dan metodologi (30%)	9					8,5
d. Kelengkapan unsur dan kualitas penerbit (30%)	9					8,3
<b>Total = (100%)</b>	<b>30</b>					<b>28</b>
<b>Nilai pengusul = 40%*28 =11,2</b>						11,2

**KOMENTAR / ULASAN PEER REVIEW**

• Kelengkapan dan kesesuaian unsur	Penulisan sudah sesuai dan lengkap, mencakup; Title, Introduction, Materials and methods, Results and Discussion, Conclusion, Limitation, References. Substansi artikel sesuai bidang ilmu pengusul/penulis kedua (Ilmu Akuntansi/Auditing). Ada benang merah dalam struktur penulisannya (skor= 2,8).
• Ruang lingkup dan kedalaman pembahasan	Substansi artikel cukup sesuai dengan ruang lingkup jurnal (European Research Study Journal). Kedalaman pembahasan cukup (sebagian kecil, 8 bh rujukannya dilibatkan dalam proses membahas hasil) (skor=8,4).
• Kecukupan dan Kemutahiran Data & Metodologi	Data dan metodologi merupakan metode terkini dan hasil penelitian menunjukkan ada kebaruan informasi. Lebih dari 10% rujukan dari 10 th terakhir, sebagian besar berupa Jurnal, (skor=8,5).
• Kelengkapan unsur dan kualitas penerbit	Jurnal ini termasuk sebagai Jurnal Internasional Bereputasi, terindeks di scopus/SJR=0,3 /Q2, namun pada saat artikel ini terbit status scopusnya diskontinyu ; (skor=8,3).
Indikasi plagiasi	Hasil uji ternutin menunjukkan similarity index = 4%
• Kesesuaian bidang ilmu	Cukup sesuai dengan bidang ilmu pengusul, yaitu Akuntansi. Cukup sesuai dengan bidang ilmu pengusul, yaitu Akuntansi.

Semarang, 2020

Reviewer 1

  
 Prof. Dr. Abdul Rohman, M.Si, Akt  
 NIP. 196601081992021001  
 Departemen Akuntansi FEB Undip  
 Jabatan Fungsional : Guru Besar

**LEMBAR  
HASIL PENILAIAN SEJAWAT SEBIDANG ATAU PEER REVIEW  
KARYA ILMIAH : JURNAL ILMIAH**

Judul karya ilmiah (artikel) : Audit Committee Characteristics and Integrated Reporting: Empirical Study of Companies Listed in Johannesburg Stock Exchanges

Jumlah Penulis : 2 Orang

Status Pengusul : Penulis ke 2

Nama Penulis : **Dr. Indira Januarti, SE, M.Si, Akt**

Identitas Jurnal Ilmiah :  
 a. Nama Jurnal : European Research Study Journal  
 b. Nomor ISSN : ISSN: 11082976  
 c. Volume, nomor, bulan, tahun : Vol XX (4B), 2017, hal. 305-318  
 d. Penerbit : University of Piraeus, International Strategic Management Association  
 e. DOI artikel (jika ada) : DOI: 10.35808/ersj/892  
 f. Alamat web jurnal : http://www.ersj.eu/index.php?option=com\_docman&task=doc\_details&gid=892&Itemid=154  
 g. Terindeks di scimagojr / Thomson Reuter ISI knowledge atau di nasional / terindeks di DOAJ, CABI, Copernicus : scimagojr, Q2

Kategori Publikasi Jurnal Ilmiah :  Jurnal Ilmiah Internasional /Internasional bereputasi

(beri ✓ pada kategori yang tepat)  Jurnal Ilmiah Nasional Terakreditasi

Jurnal Ilmiah Nasional/ Nasional terindeks di DOAJ, CABI, Copernicus

Hasil Penilaian Peer Review :

Komponen Yang Dinilai	Nilai Maksimal Jurnal Ilmiah					Nilai Akhir Yang Diperoleh
	Internasional bereputasi (Maks 30)	Internasional	Nasional Terakreditasi	Nasional Tidak Terakreditasi	Nasional Terindeks DOAJ dll.	
a. Kelengkapan unsur isi artikel (10%)	3					3,0
b. Ruang lingkup dan kedalaman pembahasan (30%)	9					8,1
c. Kecukupan dan kemutahiran data/informasi dan metodologi (30%)	9					8,0
d. Kelengkapan unsur dan kualitas penerbit (30%)	9					7,8
<b>Total = (100%)</b>	30					26,9
<b>Nilai pengusul = 0,4</b>						<b>10,76</b>

**KOMENTAR / ULASAN PEER REVIEW**

• Kelengkapan dan kesesuaian unsur	Semua unsur yang disyaratkan dalam penilaian telah terpenuhi
• Ruang lingkup dan kedalaman pembahasan	Isu dan pembahasan sudah sesuai dengan teori agency
• Kecukupan dan Kemutahiran Data & Metodologi	Kutipan yang digunakan selaras dengan topic yang diteliti dan mayoritas 5 tahun terakhir. Metodologi yang digunakan sesuai dengan data dan dijelaskan secara detail
• Kelengkapan unsur dan kualitas penerbit	Sesuai dengan kriteria penilaian, penerbit masuk scopus Q2 dengan H indeks 27 dan SJR 0,3. Saat ini jurnal tersebut sudah diskontinyu dari scopus.
Indikasi plagiasi	Hasil uji turnitin menunjukkan similarity index = 4%
• Kesesuaian bidang ilmu	Topik sesuai dengan budang ilmu akuntansi dengan kajian peran komite audit yang dilihat dari karakteristiknya (keahlian, jumlah rapat, dan jumlah anggota yang independent) untuk mendorong pelaporan yang terintegrasi dari perusahaan

Semarang, 2020

Reviewer 2

Prof. Faisal, SE, M.Si, Ph.D

NIP. 197109042001121001

Departemen Akuntansi FEB Undip

Jabatan Fungsional : Guru Besar



# Document details

[Back to results](#) | [Previous](#) 10 of 13 [Next](#)

[Export](#) [Download](#) [Print](#) [E-mail](#) [Save to PDF](#) [Save to list](#) [More...](#)

[View at Publisher](#)

European Research Studies Journal  
Volume 20, Issue 4, 2017, Pages 305-318

## Audit committee characteristics and integrated reporting: Empirical study of companies listed on the Johannesburg stock exchange (Article) [\(Open Access\)](#)

Chariri, A. Januarti, I.

[Save all to author list](#)

Diponegoro University, Semarang, Indonesia

### Abstract

This study aims to investigate the effect of audit committee characteristics (audit committee expertise, frequency of audit committee meetings, and audit committee independence) on integrated reporting. Data for this study were gathered from integrated reports of manufacturing companies listed on the Johannesburg Stock Exchanges. Total samples of 58 companies were selected using purposive sampling method. A multiple regression model was then employed to analyze data. The findings showed that the level of integrated reports of the companies met 70% of all required items. In addition, the audit committee expertise and frequency of audit committee meetings positively influenced the level of integrated reports. However, this study did not support the association of independent audit committees and the companies' reports.

### SciVal Topic Prominence

Topic: Audit Committee | Corporate Governance | Board Independence

Prominence percentile: 99.580

### Author keywords

[Audit committee expertise](#) [Audit independent committee independence](#) [Frequency of meetings](#) [Integrated reporting](#)  
[JSE](#)

**ISSN:** 11082976  
**Source Type:** Journal  
**Original language:** English

**DOI:** 10.35808/ersj/892  
**Document Type:** Article  
**Publisher:** International Strategic Management Association

© Copyright 2020 Elsevier B.V., All rights reserved.

[Back to results](#) | [Previous](#) 10 of 13 [Next](#)

[Top of page](#)

Metrics [View all metrics](#)

6	Citations in Scopus
	87th percentile
2.07	Field-Weighted Citation Impact



### PlumX Metrics

Usage, Captures, Mentions, Social Media and Citations beyond Scopus.

### Cited by 6 documents

Does corporate governance affect the quality of integrated reporting?  
Cooray, T. , Gunaratne, A.D.N. , Senaratne, S.  
(2020) *Sustainability* (Switzerland)

Auditor's experience, professional commitment, and knowledge on financial audit performance in indonesia

Sunyoto, Y.  
(2020) *International Journal of Economics and Business Administration*

Audit Committee Characteristics and Carbon Emission Disclosure  
Chariri, A. , Januarti, I. , Yuyetta, E.N.A.  
(2018) *E3S Web of Conferences*

[View all 6 citing documents](#)

Inform me when this document is cited in Scopus:

[Set citation alert](#)

[Set citation feed](#)

### Related documents

Find more related documents in Scopus based on:

[Authors](#) > [Keywords](#) >

## About Scopus

[What is Scopus](#)  
[Content coverage](#)  
[Scopus blog](#)  
[Scopus API](#)  
[Privacy matters](#)

## Language

[日本語に切り替える](#)  
[切换到简体中文](#)  
[切換到繁體中文](#)  
[Русский язык](#)

## Customer Service

[Help](#)  
[Contact us](#)

**ELSEVIER**

[Terms and conditions ↗](#)   [Privacy policy ↗](#)

Copyright © Elsevier B.V. All rights reserved. Scopus® is a registered trademark of Elsevier B.V.

We use cookies to help provide and enhance our service and tailor content. By continuing, you agree to the use of cookies.

 RELX



# Source details

## European Research Studies Journal

Scopus coverage years: from 2008 to Present

(coverage discontinued in Scopus)

Publisher: University of Piraeus, International Strategic Management Association

ISSN: 1108-2976

Subject area: Economics, Econometrics and Finance: General Economics, Econometrics and Finance

Business, Management and Accounting: General Business, Management and Accounting

CiteScore 2017

**2.6**

ⓘ

Add CiteScore to your site

SJR 2019

**0.274**

ⓘ

SNIP 2019

**0.941**

ⓘ

[View all documents >](#)

[Set document alert](#)

[Save to source list](#)

[CiteScore](#) [CiteScore rank & trend](#) [Scopus content coverage](#)

i Improved CiteScore methodology

CiteScore 2017 counts the citations received in 2014-2017 to articles, reviews, conference papers, book chapters and data papers published in 2014-2017, and divides this by the number of publications published in 2014-2017. [Learn more >](#)

CiteScore 2017

$$2.6 = \frac{1,416 \text{ Citations 2014 - 2017}}{551 \text{ Documents 2014 - 2017}}$$

Calculated on 01 May, 2018

ⓘ

= —

## CiteScore rank 2017 ⓘ

Category Rank Percentile

Economics,  
Econometrics and  
Finance

#23/203

88th

General  
Economics,  
Econometrics and  
Finance

#44/202

78th

Business,  
Management and



[View CiteScore methodology >](#) [CiteScore FAQ >](#)

## About Scopus

[What is Scopus](#)

[Content coverage](#)

[Scopus blog](#)

[Scopus API](#)

[Privacy matters](#)

## Language

[日本語に切り替える](#)

[切换到简体中文](#)

[切換到繁體中文](#)

[Русский язык](#)

## Customer Service

[Help](#)

[Contact us](#)





Search Articles, Authors



# EUROPEAN RESEARCH STUDIES JOURNAL

ISSN: 1108-2976



## Latest Issue

Volume XXIII(2020),  
Issue 3

## About the journal

European Research Studies Journal is a refereed publication and is designed to cover a wide variety of topics in the fields of Business and Economics in general including Banking, Financial Services and Internal Controls, Accounting and Finance, Health Economics, Tourism, Maritime Studies, Transport and Logistics, Energy and Environment with reference to European Integration. It aims to act as a guide for new developments and prospects in different aspects of economic thought and business methodologies and it is programmed to come out two to four times a year. Papers are invited both from academic economists as well as practitioners.

ISSN: 1108-2976

## Scores



European Research Studies Journal



Search Articles, Authors



# EUROPEAN RESEARCH STUDIES JOURNAL

ISSN: 1108-2976

## Editorial Board

### ERSJ Editorial Board-Referrees

Name	University	Department	City	Country	E-m
Prof. N. Adamou	City University of New York	BMCC College	New York	USA	nad...
Prof. A. Akarca	University of Illinois	Dept of Economics	Chicago	USA	akar...
Prof. R. Rupeika-Apoga	U of Latvia	Dept of Finance & Accounting	Riga	Latvia	rr@l...
Prof. P.J. Baldacchino	U of Malta	Dept of Accountancy	Malta	Malta	pete...
Prof. A. Bandoi	U of Craiova	Dept of Economics & Business	Craiova	Romania	anc...
Prof. A. Balcerzak	Nicolaus Copernicus U	Faculty of Economics	Turin	Poland	ada...
Prof. W. Bartlett	London School of Economics	Dept of Politics	London	UK	w.j.b...
Prof. Emeritus G. Bitros	Athens U of Economics & Business	Dept of Economics	Athens	Greece	bitr...
Prof. T.H. Bonitsis	New Jersey Institute of Technology	Dept of Finance	Newark	USA	bon...
Prof. P.	U of Finance &	Dept of	Prague	Czech	brec...



Search Articles, Authors



## EUROPEAN RESEARCH STUDIES JOURNAL

ISSN: 1108-2976

Volume: XX      Issue: Issue 4B

### Volume XX, Issue 4B, 2017

#### Toward the Best Model of Strategy Implementation in Indonesian Islamic Banking from the Lens of Strategic Clarity

Dodi Permana

*European Research Studies Journal*, Volume XX, Issue 4B, 3-15, 2017

[View Article](#) [Download Article](#)

---

#### Trafficking of Migrant Workers in Indonesia: A Legal Enforcement and Economic Perspective of Prevention and Protection Efforts

Henny Nuraeny

*European Research Studies Journal*, Volume XX, Issue 4B, 16-26, 2017

[View Article](#) [Download Article](#)

---

#### ASEAN-China Free Trade Area: An Assessment of Tariff Elimination Effect on Welfare

Sugiharso Safuan

*European Research Studies Journal*, Volume XX, Issue 4B, 27-37, 2017

[View Article](#) [Download Article](#)

---

#### Analysis of Factors Affecting Inflation and its Impact on Human Development Index and Poverty in Indonesia

Y. Yolanda

*European Research Studies Journal*, Volume XX, Issue 4B, 38-56, 2017

[View Article](#) [Download Article](#)

**Audit Committee Characteristics and Integrated Reporting: Empirical Study of Companies Listed on the Johannesburg Stock Exchange**

Anis Chariri, Indira Januarti

*European Research Studies Journal*, Volume XX, Issue 4B, 305-318, 2017

[View Article](#) [Download Article](#)

---

**Improving Mechanisms to Manage Foreign Trade Activity of Regional Industrial Complexes in the Context of International Limitations**

V. V. Bezpalov

*European Research Studies Journal*, Volume XX, Issue 4B, 319-333, 2017

[View Article](#) [Download Article](#)

---

**Bank Factoring: Russian and International Practice**

Galina Alekseevna Bunich, Elina Ildarovna Abdyukova, Anna Aleksandrovna Sysoeva,

Vladimir Sergeevich Akopov

*European Research Studies Journal*, Volume XX, Issue 4B, 334-349, 2017

[View Article](#) [Download Article](#)

---

**The Construction of the Digital Organizational, Social and Economic Production Mechanism in the Agro-industry**

Diana Dmitrievna Burkaltseva, Oleg Valerievich Boychenko, Olga Sergeevna Sivash,

Nicholas Maksimovich Mazur, Snezhana Anatolyevna Zotova, Aleksey Valeryevich Novikov

*European Research Studies Journal*, Volume XX, Issue 4B, 350-365, 2017

[View Article](#) [Download Article](#)

---

**Realization of Investment Processes in the Agricultural Sector of the Digital Economy**

Diana Dmitrievna Burkaltseva, Olga Sergeevna Sivash, Oleg Valerievich Boychenko, Lyubov Vasilievna Savchenko, Tatyana Nikolaevna Bugaeva, Snezhana Anatolyevna Zotova

*European Research Studies Journal*, Volume XX, Issue 4B, 366-379, 2017

[View Article](#) [Download Article](#)

---

**Crowd-Technology in the Selection of Personnel**

Oxana Leonidovna Chulanova, Gulnara Hamitovna Kucherenko, Dmitry Viktorovich Chulanov, Andrey Vladimirovich Kirillov, Aleksandr V. Melnichuk

*European Research Studies Journal*, Volume XX, Issue 4B, 380-397, 2017

[View Article](#) [Download Article](#)

---

## **Blended Learning Russian as a Foreign Language: The Principles of Organization and Implementation Experience**

---

Alisa Nazarovna Al-Kaisi<sup>1</sup>, Alla Leonidovna Arkhangelskaya<sup>2</sup>,  
Marina Alexandrovna Bragina<sup>3</sup>, Bella Akhmedovna Bulgarova<sup>4</sup>,  
Olga Ivanovna Rudenko-Morgun<sup>5</sup>

**Abstract:**

*This article reveals the benefits of implementing "blended learning" in the practice of teaching Russian as a foreign language at the initial stage. The paper presents a brief analysis of the current state of the problem, describes the reasons for insufficient dissemination of blended learning in the Russian educational space and in the sphere of learning Russian as a foreign language.*

*Then the article presents a complex model of blended learning Russian as a foreign language covering the levels of proficiency from A1 to B1 and describes in detail the components of this model, namely its three components: the stage of independent work with electronic resources, the stage of communication work in a group and the control stage.*

*Special attention is paid to the principles of organization of independent work of students in the electronic environment, among which the principle of sustaining the motivation in independent learning, the principle of providing comprehensive assistance in the learning process, the principles of maximum variation and filling variability of electronic tasks, etc. play the important role.*

*The article describes also a component of the classroom communication activities of students under the guidance of a teacher, which is based on the plotted and grammaticalized author's texts. The basic theoretical principles that constitute the description of the developed by the authors blended learning model are illustrated in the article with examples of the tasks, the texts and the presentation material.*

**Keywords:** *blended learning, Russian as a foreign language, learning model, individual work, electronic environment, communication work.*

**JEL Classification:** *D80, D83*

---

<sup>1</sup> Corresponding author, RUDN University, Russian Federation, e-mail: [a.alkaisi@mail.ru](mailto:a.alkaisi@mail.ru)

<sup>2</sup> RUDN University, Russian Federation

<sup>3</sup> RUDN University, Russian Federation

<sup>4</sup> RUDN University, Russian Federation

<sup>5</sup> RUDN University, Russian Federation

---

## Banks' Risk Taking Behavior and the Optimization Monetary Policy

---

Risna Triandhari<sup>1</sup>, Sugiharso Safuan<sup>2</sup>, M. Syamsudin<sup>3</sup>, Halim Alamsyah<sup>4</sup>

**Abstract:**

*This study analyzes the behavior of risk taking on economic agents such as banks, households, and firms as a respond of monetary policy and macroprudential choices in Indonesia. The behavior of economic agents modeled in a DSGE models.*

*In the model, the credit risk is modeled endogenously. Credit risk is a function of household and firm leverage ratio, bank leverage ratio, property market and general economy condition. Moreover, there are two types of bank in assessing the risks of credit.*

*The results show that, endogenous credit risk, has an impact on the deepen procyclicality in credit. Furthermore, this research model contributes to a deeper understanding of the prudential policy framework. In the event of risk taking, analysis optimal policy responses using the loss function of central banks.*

*The policy of lower interest rates should be combined with a loan to value ratio policy and increase CAR to generate the smallest losses*

**Keywords:** risk taking behaviour, DSGE model, monetary policy.

**JEL:** E43, E52, C60.

---

<sup>1</sup>Doctoral Student, Graduate Program in Economics, Department of Economics, Faculty of Economics and Business, Universitas Indonesia, E-mail : [risna.triandhari@ui.ac.id](mailto:risna.triandhari@ui.ac.id)

<sup>2</sup>Corresponding author, Department of Economics, Faculty of Economics and Business, Universitas Indonesia, E-mail: [sugiharso@ui.ac.id](mailto:sugiharso@ui.ac.id)

<sup>3</sup>Department of Mathematics, Bandung Institute of Technology.

<sup>4</sup>Indonesia Deposit Insurance Corporation

---

## **Mobile Banking Adoption in Thailand: An Integration of Technology Acceptance Model and Mobile Service Quality**

---

W. Puriwat<sup>1</sup>, S. Tripopsakul<sup>2</sup>

**Abstract:**

*The purpose of this study is to investigate the factors that influence a consumer's intentions to use mobile banking. A web-based survey was employed to collect data from 348 samples of all owners of a mobile device and have experienced with mobile banking applications provide by private banks in Thailand.*

*The proposed model of mobile banking adoption in this study was based on the Technology Acceptance Model (TAM) and Mobile Service Quality (MSQ). Structural equation modeling (SEM) was used to analyze the data. The results revealed that support for the positive effect of perceived ease of use, perceived usefulness and mobile service quality toward mobile banking adoption intentions.*

*Therefore, Banks should emphasize on strategies to enhance benefit perceptions of mobile banking by taking these factors into account. This study is also one of the first to examine a combined TAM and MSQ model in the context of m-banking adoption. Theoretical and practical implications of results are discussed in the paper.*

**Keywords:** *Mobile banking adoption, Technology acceptance model, Service quality, Thailand.*

---

<sup>1</sup>Wilert Puriwat, Assist. Prof., D Phil(Oxon), Chulalongkorn Business School,  
Chulalongkorn University, [Wilert@cbs.chula.ac.th](mailto:Wilert@cbs.chula.ac.th)

<sup>2</sup>Suchart Tripopsakul, Assist. Prof., Ph.D., School of Entrepreneurship and Management,  
Bangkok University, Thailand, corresponding author: [Suchart.t@bu.ac.th](mailto:Suchart.t@bu.ac.th)

---

## Main Determinants of Financial Reporting Quality in the Lebanese Banking Sector

---

Rasha Mahboub<sup>1</sup>

**Abstract:**

*The study aims to investigate the potential determinants that may influence the quality of financial reporting of 88 annual reports of a sample of 22 Lebanese banks for the period 2012-2015.*

*Financial reporting quality index with 40 items was used as the dependent variable, while bank specific characteristics of leverage, size, and profitability as well as corporate governance features of board independence, ownership structure, and board size constitute the independent variables.*

*Using multivariate OLS model, the results indicate that financial leverage, ownership structure and board size has significant and positive relationship with financial reporting quality. On the other hand, bank size, profitability and board independence were found to be not statistically significant in explaining the quality of financial reporting of banking sector in Lebanon.*

*The results reveal that better financial reporting quality of the annual reports in banking sector can be achieved by having higher proportion of debts, higher ownership by the shareholders, and higher board size. These findings could be of interest to potential investors, management and regulators in the process of financial reporting quality enhancement.*

**Keywords:** Determinants, Financial Reporting Quality, Annual Report, Banking Sector, Lebanon

---

<sup>1</sup> Faculty of Business Administration, Department of accounting, Beirut Arab University, Beirut – Lebanon, [r.mahboub@bau.edu.lb](mailto:r.mahboub@bau.edu.lb)