

“Research’s Status and Lead”

My research project's main keywords are: 1) Artificial Intelligence; 2) Enterprise Architecture; 3) Business Transformation Projects; 4) Business Transformation Manager; 5) Applied Mathematical Models; 6) Neural Networks; 7) Holisms; 8) Risk Management; 9) Decision Making Systems; 10) Artificial Intelligence; 11) Knowledge Management Systems; and 12) Innovation. Using the scholar engine, in Google's search portal, in which the authors combined the previously mentioned keywords and key topics; the results have clearly showed the uniqueness and the absolute lead of the authors' methodology, research and works. From this point of view and facts the author considers his works in the mentioned topics as successful and useful. Using Google's scholar engine, the author combined his research's keywords and key topics; the results have shown clearly the uniqueness and the absolute international lead.

25/01/2022 12:59

"business transformation projects" "enterprise architectu... - Google Scholar

The Business Transformation Framework and Enterprise Architecture Framework for Managers in Business Innovation: An Applied Holistic Mathematical Model

A Trad - International Journal of Service Science, Management ..., 2021 - igi-global.com

... used also to model enterprise architecture (EA) blueprints, business transformation projects, or ... EA standards and transformation strategies to support business transformation projects. ... be used to implement business transformation projects and enterprise architecture projects? ...

☆ Enregistrer Citer Cité 15 fois Autres articles Les 6 versions

Business Transformation Projects An Enterprise Architecture Applied Mathematical Model's Proof of Concept

A Trad, D Kalpić - ... International Conference on Applied Mathematics & ..., 2018 - computer.org

... The one-to-one business modelling concept, can be ,used to manage agile and autonomic BTP's complexity in its ,implementation phase, an adequate enterprise architecture ,mapping concept must integrate existing business standards; ,that is the main principle and ...

☆ Enregistrer Citer Cité 5 fois Autres articles Les 2 versions

The business transformation and enterprise architecture framework The London Interbank offered rate crisis-the model

A Trad, D Kalpić - The Business & Management Review, 2017 - cberuk.com

... Discussions and Conclusions This research phase is part of a series of publications related to the business transformation projects and architectures. This research is based on mixed action research model; where critical success factors and areas are offered to help BTP ...

☆ Enregistrer Citer Cité 10 fois Autres articles Les 2 versions

The Business Transformation and Enterprise Architecture Framework: The Financial Engineering Technology Concept

A Trad, D Kalpić - Regaining Global Stability After the Financial ..., 2018 - igi-global.com

... phase of the complex Business Transformation Projects (BTP) and also for its skeletal enterprise architecture activities; where the BTM or ... , like: 1) the influence of automation of accounting in business transformation projects; 2) the automation of the business environment's ...

☆ Enregistrer Citer Cité 3 fois Autres articles Les 2 versions

A Transformation Framework Proposal for Managers in Business Innovation and Business Transformation Projects-Intelligent atomic building block architecture

A Trad - Procedia Computer Science, 2015 - Elsevier

... blocks on enterprise architecture and business transformation projects ?" ... business transformation projects; this article's author shares this thinking and have chosen that the Atomic Business Blocks is the jumpstart architectural template for such business transformation projects. ...

☆ Enregistrer Citer Cité 22 fois Autres articles Les 2 versions

The selection and training framework (STF) for managers in business innovation transformation projects-business enterprise architecture integration

A Trad, D Kalpić - Procedia Technology, 2014 - Elsevier

... This research paper deals with the business enterprise architecture integration for ... business transformation projects; knowing that the BTP's implementation phase is the major cause of very high failure rates [9][10]. The implementation of such business transformation projects ...

☆ Enregistrer Citer Cité 7 fois Autres articles Les 7 versions

An Applied Mathematical Model for Business Transformation and Enterprise Architecture: The Holistic Organizational Intelligence and Knowledge Management ...

A Trad - International Journal of Organizational and Collective ..., 2021 - igi-global.com

... Manager regarding a coordinated organization/business organizational and Enterprise Architecture (EA) transitions. To achieve this article' ... part of a long series of articles on Business Transformation Projects (Project) and Enterprise Architecture Projects (EAP) (or simply Projects ...

☆ Enregistrer Citer Cité 2 fois Autres articles

The Business Transformation and Enterprise Architecture Framework: The Financial Engineering E-Risk Management and E-Law Integration

A Trad, D Kalpić - Regaining Global Stability After the Financial ..., 2018 - igi-global.com

... the implementation phase of the complex Business Transformation Projects (BTP) and also enterprise architecture projects; where the BTM or ... such an undertaking, like: 1) the influence of accounting in business transformation projects; and 2) the holistic financial (e)law control ...

☆ Enregistrer Citer Cité 3 fois Autres articles Les 2 versions

An Applied Mathematical Model for Business Transformation and Enterprise Architecture: The Business Engineering and Risk Management Pattern (BE&RMP)

A Trad. ... Businesses With Collaborative Enterprise Architecture ... 2021 - igi-global.com
... and adaptable enterprise architecture for business systems is one of a series of research chapters on enterprise architecture and business ... should (or shouldn't) prove whether business transformation projects can optimize enterprise business capabilities and how microartifact ...

☆ Enregistrer 00 Citer Autres articles Les 2 versions

The E-Business Transformation Framework for E-Commerce Architecture-Modeling Projects

A Trad. D Kalpić - Encyclopedia of E-Commerce Development ... 2016 - igi-global.com
... e-business transformation projects. The main reason is that Capgemini is an important member of The Open Group's initiative on enterprise architecture ... that e-architects must apply a standardized enterprise architecture framework like TOGAF. The Environment recommends the ...

☆ Enregistrer 00 Citer Cité 19 fois Autres articles Les 2 versions

Business Transformation and Enterprise Architecture: The Holistic Project Asset Management Concept (HPAMC)

A Trad. D Kalpić - Handbook of Research on Strategic Fit and ... 2020 - igi-global.com
This chapter presents the holistic project asset management concept (HPAMC)-based transformation projects to optimize asset/wealth creation/management in transformed enterprise system that is the result of research and development on 1) business case studies, 2) asset/...

☆ Enregistrer 00 Citer Cité 1 fois Autres articles Les 2 versions

A Transformation Framework Proposal for Managers in Business Innovation and Business Transformation Projects-An Information System's Atomic Architecture Vision

A Trad. - Procedia Computer Science, 2015 - Elsevier
... when knowing that a small percentage of business transformation projects succeed 6,7,8, hence ... of solutions on business transformation projects and enterprise architecture that focuses on ... on business transformation projects that is a part of the Environment's architecture module. ...

☆ Enregistrer 00 Citer Cité 14 fois Autres articles Les 2 versions

The Business Transformation Framework and Enterprise Architecture Framework for Managers in Business Innovation

A Trad. - 2019 - books.google.com
... that is supported by the alignment of a standardized enterprise architecture blueprint. This chapter proposes an assets alignment pattern (... and enterprise architects to implement EAM solutions in the context of business transformation projects (BTP). Heuristics is applied in real-...

☆ Enregistrer 00 Citer Cité 1 fois Autres articles Les 2 versions

The Business Transformation and Enterprise Architecture Framework: The Financial Engineering Global Strategy

A Trad. D Kalpić - Regaining Global Stability After the Financial ... 2018 - igi-global.com
... Business transformation projects and enterprise architecture projects for enterprises' business and their financial strategic planning ... so these facts can damage the business transformation project or an enterprise architecture project, and they may disable the traditional business ...

☆ Enregistrer 00 Citer Cité 2 fois Autres articles

Advancing Cybersecurity for Business Transformation and Enterprise Architecture Projects: Deep Learning Integration for Projects (DLI4P)

A Trad. - Handbook of Research on Advancing Cybersecurity for ... 2021 - igi-global.com
All the author's research publications deal with Business Transformation Projects (or simply a Project) complexity as well as the use of underlying Decision-Making System for Projects (DMS4P) and Enterprise Architecture Integration for Projects (EAI4P). The author's framework ...

☆ Enregistrer 00 Citer Les 2 versions

The Business Transformation Framework and Enterprise Architecture Framework for Managers in Business Innovation The role of legacy processes in ...

A Trad. F IBISTM D Kalpić - The proceedings of E-LEADER, 2017 - g-oasa.com
... This article is a part of a long series of articles related to business transformation projects (BTP) and Enterprise Architecture (EA) that deal with the various aspects of frequent transformational changes. The implementation of such BTPs' Automated Accounting Pattern (AAP) ...

☆ Enregistrer 00 Citer Cité 1 fois Autres articles Les 4 versions 86

Applied Mathematical Model for Business Transformation Projects: The Intelligent Strategic Decision-Making System (ISDMS)

A Trad. - Handbook of Research on IT Applications for Strategic ... 2020 - igi-global.com
... A strategic vision of a transformation process needs a holistic/distributed enterprise architecture approach, with evolution prospects, to ... This section's deduction is that the ICS and other fields are dependent on an enterprise architecture paradigm and therefore the ADM is ...

☆ Enregistrer 00 Citer Cité 7 fois Autres articles Les 2 versions

The Business Transformation Framework and Enterprise Architecture Framework for Managers in Business Innovation: The Role of Cyber and Information Technology ...

A Trad. D Kalpić - Global Cyber Security Labor Shortage and ... 2019 - igi-global.com
... with an enterprise architecture blueprint. A research framework can support such an undertaking, as shown in Figure 2. Unfortunately, an immense set of archaic factors can influence such a process, like: 1) the influence of cyber security on business transformation projects; 2) ...

☆ Enregistrer 00 Citer Cité 1 fois Autres articles Les 2 versions

The Business Transformation Framework and Enterprise Architecture Framework: Organisational Asset Management in the Lebanese Context

A Trad. - Handbook of Research on Institutional, Economic, and ... 2021 - igi-global.com
The AHMMQAM is supported by a real-life case of a organisational (or business) transformation architecture in the domain of organizational (or enterprise) asset management (QAM) that is supported by the alignment of a standardized organisational or enterprise architecture ...

☆ Enregistrer 00 Citer Autres articles

How to Structure Business Transformation Projects: The Case of Infineon's Finance IT Roadmap

M Röglinger, M Botsinger, B Häckel ... - J. Inf. Technol. Theory ... 2016 - aisel.aiselnet.org
... Business transformation projects in particular are prone to fail because they affect multiple enterprise architecture layers, involve many ... To handle their complexity, scholars recommend structuring business transformation projects into portfolios of interdependent, yet smaller and, ...

☆ Enregistrer 00 Citer Cité 10 fois Autres articles Les 0 versions

A neural networks portable and Agnostic Implementation Environment for Business Transformation Projects the framework

A Trad. D Kalpić - 2017 IEEE International Conference on ... 2017 - ieeeexplore.ieee.org
... turn is a part of the IBISTM's framework that consists of the following modules: 1) Selection management; 2) Architecture-modelling; 3) Control/monitoring; 4) Decision-making; 5) Training management; and 6) Project management that supports BTP's and enterprise architecture ...

☆ Enregistrer 00 Citer Cité 12 fois Autres articles

The Business Transformation and Enterprise Architecture Framework: Holistic Skills Design and Evolution (HSD&E)

A Trad. - Handbook of Research on the Role of Human Factors ... 2020 - igi-global.com
The HSD&E activities are supported by a central decision-making system (DMS)(in which a HR subsystem is included), knowledge management system (KMS), and an enterprise architecture project (EAP). The chapter's proof of concept (PoC) is based on a business case from ...

☆ Enregistrer 00 Citer Autres articles

A Transformation Framework Proposal for Managers in Business Innovation and Business Transformation Projects-The role of transformation managers in ...

A Trad. D Kalpić ... American Scholars Association Conference E-Leader ... 2016 - g-oasa.com
... Business engineering focuses on both organization design and enterprise architecture. The main element is business choreography or ... [14] The Environment uses a light version of the enterprise architecture framework (TOGAF) in which there is a detailed method for the ...

☆ Enregistrer 00 Citer Cité 10 fois Autres articles Les 3 versions 86

The business transformation and enterprise architecture framework the London interchange banking-the proof of concept

A Trad, D Kalpic - *The Business & Management Review*, 2017 - cberuk.com

... the budgeting phase of the complex Business Transformation Projects (BTP) and also enterprise architecture projects; where the BTM or ... like: 1) the influence of accounting and funds raising in business transformation projects; 2) working with credible credit suppliers with a very ...

☆ Enregistrer Citer Cité 1 fois Autres articles Les 2 versions

Using Applied Mathematical Models for Business Transformation

A Trad - 2019 - books.google.com

... | Summary: "This book examines the implementation of an applied mathematical model in business transformation projects, business engineering, and enterprise architecture research projects" - Provided by publisher. Identifiers: LCCN 2019030363 (print) | LCCN 2019030364 (...)

☆ Enregistrer Citer Cité 14 fois Autres articles

Enterprise Architecture for Addressing Business Transformation Challenges: The Case of Embedded Mobile Provisioning Process in the Telecommunications Industry

M Tong, H Bender, M Kolehmainen... - 2011 IEEE 15th ..., 2011 - ieeexplore.ieee.org

... According to [2], the strategy is then executed by translating such choices into EA change requirements, which are realized through business transformation projects. Similarly, [3] proposes the use of EA for building the company's information technology (IT) foundation, as an ...

☆ Enregistrer Citer Autres articles Les 4 versions

The Business Transformation Framework for Managers in Business Innovation Transformation Projects: Business Architecture Managerial Recommendation

A Trad, D Kalpic - *International Journal of Human Capital and ...*, 2015 - igi-global.com

... phase of business transformation and related enterprise architecture projects. The basic profile ... for the implementation phase of (e)business transformation projects?" (Trad, Kalpic, 2011). The ... The applied business enterprise architecture integration concept is fed in the form of ...

☆ Enregistrer Citer Autres articles Les 8 versions

Development of enterprise architecture management methodology for teaching purposes

DV Kudryavtsev, EP Zaramenskikh... - Open ..., 2017 - openedu.rea.ru

... Since the early 2000's enterprise architecture is increasingly used in organizational development and business transformation projects, especially if information technologies are involved. Enterprise architecture allows describing, analyzing and designing the company from the ...

☆ Enregistrer Citer Cité 2 fois Autres articles

A framework to derive holistic business transformation processes

B Unhelkar, A Ginige - ... Conference on e-Business (ICE-B), 2010 - ieeexplore.ieee.org

... When a business is transforming there needs to be changes to many aspects of its Enterprise Architecture (EA). The research has ... Furthermore, this paper also outlines the application of this approach to real life business transformation projects. The factors influencing ...

☆ Enregistrer Citer Cité 7 fois Autres articles Les 8 versions

The Business Transformation Framework for Managers in Transformation Projects

A Trad, D Kalpic - ... of Information Science and Technology, Fourth ..., 2018 - igi-global.com

... This research chapter and the related research publications deal with business transformation projects (BTP) complexity as well as the support for the BTM's selection and the ... Enterprise architecture principles are divided into four categories (The Open Group, 2015a): ...

☆ Enregistrer Citer Autres articles Les 2 versions

The Selection and Training Framework (STF) for Managers in (e-) Business Innovation Transformation Projects-Managerial Recommendations

A Trad, D Kalpic - *Procedia Technology*, 2014 - Elsevier

... business transformation projects; knowing that the BTP's implementation phase is the major cause of very high failure rates [17][18]. The implementation of such business transformation projects ... This pattern helps the BTM to adapt the enterprise architecture methodology and ...

☆ Enregistrer Citer Cité 7 fois Autres articles Les 5 versions

“Important Research Artefacts”

The author has developed the Transformation, Research, Architecture, and Development framework (TRADf), which applicable to any organizational and business transformation project; and some of the achieved researched works:

- **CYBERSECURITY and TRADITIONAL SECURITY:** Security in general and more specifically Cybersecurity, are the most critical factors in building or transforming an Enterprise and its Information and Communication System (ICS). Dangerous and directed attacks can originate from various sources and they can have different motivations and origins, like: 1) Ideological based on Extremism; 2) Financial, which originate mainly from uncontrolled financial heavens; 3) Geopolitical and geoeconomical conflicts; 4) Interpersonal attacks; 5) Organized Criminal Organization; 6) Badly transformed built ICS... That is why there is a need to build a holistic or polymathic ICS implementation framework, like the author's *Transformation, Research, Architecture, and Development framework (TRADf)*. TRADf simultaneously integrates and transforms the following domains: 1) *Enterprise Security and Cybersecurity*; 2) Artificial Intelligence; 3) Enterprise, Business, and ICS Architectures; 4) Business Transformation Projects' Experiences and Methodologies; 5) Business Transformation Manager's Selection and Support; 6) Applied Mathematical/Neural Networks Models' Integration; 7) Holistic Approach; 8) Risk Management, Decision Making Systems, and Knowledge Management Systems; and 9) Innovation Coordination. The author's works and TRADf have the absolute international lead in the integration of enterprise security and transformation project's methodologies.
- **HOLISTIC MATHEMATICAL MODEL:** Transformation projects are complex, and they have a high rate of failure. This complexity is mainly due to the lack of a generic and holistic approach, which should be supported by a holistic/polymathic framework. That is why there is a need to build a holistic or polymathic Enterprise transformation and implementation framework, like the author's *Transformation, Research, Architecture, and Development framework (TRADf)*. TRADf simultaneously integrates and transforms the following Enterprise domains: 1) Enterprise Architecture and Security; 2) Artificial Intelligence and Enterprise Learning Processes; 3) Business, and Information and Communication System (ICS) Integration processes; 4) Business Transformation Projects' Experiences and Methodologies; 5) Business Transformation Manager's Selection and Support; 6) AHMM based Neural Networks Models' Integration; 7) Holistic Business Management; 8) Risk Management, Decision Making Systems, and Knowledge Management Systems; and 9) Innovation's Coordination. The Applied Holistic Mathematical model (AHMM) based TRADf supports complex transformation projects, by giving them the possibility to evaluate their statuses and solve their problems. In modern usual business practices, project teams and leaders, use management technics and quantitative methods to take strategic decisions and estimate the project's statuses, which is a very limited and risky approach. The AHMM based TRADf offers a heuristic based mixed method which is optimal for such project's activities like diagnostics. The AHMM uses critical factors and areas to build or transform the Enterprise's major domains and components like the ICS.
- **A TRANSFORMATION ENABLE FRAMEWORK:** The author's research and TRADf have generated many works in the fields of enterprise architecture and transformation project's methodologies. The AHMM related research project's main keywords are: 1) Artificial Intelligence; 2) Enterprise Architecture; 3) Business Transformation Projects; 4) Business Transformation Manager; 5) Applied Mathematical Models; 6) Neural Networks; 7) Holisms; 8) Risk Management; 9) Decision Making Systems; 10) Artificial Intelligence; 11) Knowledge Management Systems; and 12) Continuous Innovation(s). Using the scholar engine, in Google's search portal, and the mentioned keywords and key topics, the search results show clearly the uniqueness and the lead of the authors' AHMM based research and framework. From this point of view and facts the author considers his works in the mentioned topics as successful and useful. Using Google's scholar engine, the author combined his research's keywords and key topics; the results have shown clearly the uniqueness and the lead. Knowing that polymathic and holistic oriented research projects are hard to implement and to convince.
- **MANAGING RESISTANCES:** Transformation projects are vital for achieving sustainable business values; at the same time various types of transformation projects have very high failure rates, because of their complexity and the lack of a holistic polymathic approach or methodology. Added to that there are many redundant methodologies and technologies, which adds to the general confusion and the set of complexities. The proposed polymathic Applied Holistic Mathematical model (AHMM) supports complex transformation projects, by giving them the possibility to evaluate their statuses, integrity, and solve their major problems. Knowing that transformation projects' main problems are related to the Resistance to Change (RtC), and for these types of problems, the polymathic AHMM can deliver the Readiness for Change (RfC) factor. The RfC can help transformation project's team(s) estimate the project's success and failure rates. The AHMM is compatible with all existing standards and methodologies. The AHMM can be the base for an in-house internal transformation framework...
- **ARTIFICIAL INTELLIGENCE:** Transformation projects are complex, and they have very high rate of failure. This complexity is mainly due to the lack of a generic, polymathic, and holistic approach, which should be supported by a holistic framework. That is why there is a need to build a holistic or polymathic Enterprise transformation and implementation framework, like the author's *Transformation, Research, Architecture, and Development framework (TRADf)*. TRADf simultaneously integrates and transforms the following Enterprise critical domains: 1) Enterprise Architecture and Modelling; 2) Artificial Intelligence, Enterprise Learning Processes and Machine Learning Integration

for Projects (MLI4P); 3) Business, and Information and Communication System (ICS) Integration processes; 4) Business Transformation Projects' Experiences and Methodologies; 5) Business Transformation Manager's Selection and Support; 6) AHMM based Neural Networks Models' Integration; 7) Holistic Business Management; 8) Risk Management, Decision Making Systems, and Knowledge Management Systems; and 9) Innovation's Coordination. In modern usual AI based business practices, project teams and leaders, use management technics and quantitative methods to take strategic decisions and estimate the project's statuses, which is a very limited and risky approach. The AHMM based TRADf offers a MLI4P based mixed method which is optimal for such project's activities like diagnostics. The AHMM uses critical factors and areas to build or transform the Enterprise's major domains and components like the ICS.

- **ENTERPRISE INTELLIGENCE IN TRANSFORMATION PROJECTS :** The Business, Societal and Enterprise Architecture Framework: An Artificial Intelligence, Data Sciences and Big Data Based Approach. The role of data science, the volume of data and the needed data modelling techniques, are essential for managing data decision making in a transformation project. For this reason, the author presents a development of the Big Data for AI (BGD4AI) that is an essential jumpstart for an intelligent system in the context of Transformation projects. Such projects are complex, and they have very high rate of failure, more than 70%. This complexity is mainly due to the lack of a generic, polymathic, and holistic approach, which should be supported by a holistic framework. That is why there is a need to build a holistic or polymathic Enterprise transformation and implementation framework, like the author's *Transformation, Research, Architecture, and Development framework (TRADf)*. *TRADf* simultaneously integrates and transforms the following Enterprise critical domains: 1) Enterprise Architecture and Modelling; 2) Artificial Intelligence, Enterprise Learning Processes and BGD4AI; 3) Business, and Information and Communication System (ICS) Integration processes; 4) Business Transformation Projects' Experiences and Methodologies; 5) Business Transformation Manager's Selection and Support; 6) AHMM based Neural Networks Models' Integration; 7) Holistic Business Management; 8) Risk Management, Decision Making Systems, and Knowledge Management Systems; and 9) Innovation's Coordination. The Applied Holistic Mathematical model (AHMM) based TRADf supports complex transformation projects, by giving them the possibility to evaluate their statuses and solve their problems by using BGD4AI.