

"Coupled processes" as dynamic capabilities in systems integration [

2017

text (article)

Analítica

The dynamics of innovation in complex systems industries is becoming an independent research stream. Apart from conventional uncertainties related to commerce and technology, complex-system industries must cope with systemic uncertainty. This paper's objective is to analyze evolving technological paths from one product generation to the next through two case studies in the Brazilian aerospace indus-try, considering systems integration as an empirical instantiation of dynamic capabilities. A proposed "coupled processes" model intertwines two organizational processes regarded as two levels of dynamic capabilities: new product and technological developments. The model addresses the role of emergent properties in shaping a firm's technological base. Moreover, it uses a technology readiness level to unveil systems integration business tricks and as a decision-making yardstick. The "coupled processes" model is revealed as a set of dynamic capabilities presenting ambidexterity in complex systems indus-tries, a finding that may be relevant for newly industrialized economies

The dynamics of innovation in complex systems industries is becoming an independent research stream. Apart from conventional uncertainties related to commerce and technology, complex-system industries must cope with systemic uncertainty. This paper's objective is to analyze evolving technological paths from one product generation to the next through two case studies in the Brazilian aerospace indus-try, considering systems integration as an empirical instantiation of dynamic capabilities. A proposed "coupled processes" model intertwines two organizational processes regarded as two levels of dynamic capabilities: new product and technological developments. The model addresses the role of emergent properties in shaping a firm's technological base. Moreover, it uses a technology readiness level to unveil systems integration business tricks and as a decision-making yardstick. The "coupled processes" model is revealed as a set of dynamic capabilities presenting ambidexterity in complex systems indus-tries, a finding that may be relevant for newly industrialized economies

The dynamics of innovation in complex systems industries is becoming an independent research stream. Apart from conventional uncertainties related to commerce and technology, complex-system industries must cope with systemic uncertainty. This paper's objective is to analyze evolving technological paths from one product generation to the next through two case studies in the Brazilian aerospace indus-try, considering systems integration as an empirical instantiation of dynamic capabilities. A proposed "coupled processes" model intertwines two organizational processes regarded as two levels of dynamic capabilities: new product and technological developments. The model addresses the role of emergent properties in shaping a firm's technological base. Moreover, it uses a technology readiness level to unveil systems integration business tricks

and as a decision-making yardstick. The "coupled processes" model is revealed as a set of dynamic capabilities presenting ambidexterity in complex systems indus-tries, a finding that may be relevant for newly industrialized economies

https://rebiunoda.pro.baratznet.cloud: 38443/Opac Discovery/public/catalog/detail/b2FpOmNlbGVicmF0aW9uOmVzLmJhcmF0ei5yZW4vMzM5MjkyMzE

Título: "Coupled processes" as dynamic capabilities in systems integration electronic resource]

Editorial: 2017

Tipo Audiovisual: Systems integration dynamic capabilities ambidexterity industry value stream technology readiness level Integración de sistemas capacidades dinámicas ambidexteridad flujo de valor de la industria nivel de preparación tecnológica Integração de sistemas capacidades dinâmicas ambidestria fluxo de valor de indústria nível de maturidade tecnológica

Documento fuente: RAE-Revista de Administração de Empresas, ISSN 0034-7590, Vol. 57, N°. 3 (maio-junho), 2017, pags. 245-257

Nota general: application/pdf

Restricciones de acceso: Open access content. Open access content star

Condiciones de uso y reproducción: LICENCIA DE USO: Los documentos a texto completo incluidos en Dialnet son de acceso libre y propiedad de sus autores y/o editores. Por tanto, cualquier acto de reproducción, distribución, comunicación pública y/o transformación total o parcial requiere el consentimiento expreso y escrito de aquéllos. Cualquier enlace al texto completo de estos documentos deberá hacerse a través de la URL oficial de éstos en Dialnet. Más información: https://dialnet.unirioja.es/info/derechosOAI | INTELLECTUAL PROPERTY RIGHTS STATEMENT: Full text documents hosted by Dialnet are protected by copyright and/or related rights. This digital object is accessible without charge, but its use is subject to the licensing conditions set by its authors or editors. Unless expressly stated otherwise in the licensing conditions, you are free to linking, browsing, printing and making a copy for your own personal purposes. All other acts of reproduction and communication to the public are subject to the licensing conditions expressed by editors and authors and require consent from them. Any link to this document should be made using its official URL in Dialnet. More info: https://dialnet.unirioja.es/info/derechosOAI

Lengua: English

Enlace a fuente de información: RAE-Revista de Administração de Empresas, ISSN 0034-7590, Vol. 57, N°. 3 (maio-junho), 2017, pags. 245-257

Baratz Innovación Documental

- Gran Vía, 59 28013 Madrid
- (+34) 91 456 03 60
- informa@baratz.es