



# Álgebra e Modelagem Matemática: um panorama das pesquisas brasileiras nos últimos anos [

2019

text (article)

Analítica

In this article, a overview of studies involving Mathematical Modeling and Algebra, focused on Basic Education, is presented with the objective of analyzing how the researches use Mathematical Modeling to aid in Algebra classes. For that, a search of dissertations and theses on the themes was carried out, in the Catalog of Thesis and Dissertations of the Coordination of Improvement of Higher Level Personnel (CAPES), and from that, a refinement and analysis of the researches was carried out. It was observed how these works dealt with algebra contents and how mathematical modeling helped them in the process. As a result it can be noticed that there are researches relating Mathematical Modeling with algebra contents, and most of them approach the content of functions with focus in High School. Keywords:Mathematical Modeling. Algebra. Overview

In this article, a overview of studies involving Mathematical Modeling and Algebra, focused on Basic Education, is presented with the objective of analyzing how the researches use Mathematical Modeling to aid in Algebra classes. For that, a search of dissertations and theses on the themes was carried out, in the Catalog of Thesis and Dissertations of the Coordination of Improvement of Higher Level Personnel (CAPES), and from that, a refinement and analysis of the researches was carried out. It was observed how these works dealt with algebra contents and how mathematical modeling helped them in the process. As a result it can be noticed that there are researches relating Mathematical Modeling with algebra contents, and most of them approach the content of functions with focus in High School. Keywords:Mathematical Modeling. Algebra. Overview

<https://rebiunoda.pro.baratznet.cloud:28443/OpacDiscovery/public/catalog/detail/b2FpOmNlbGVicmF0aW9uOmVzLmJhcmF0ei5yZW4vMzExODQ2MDY>

**Título:** Álgebra e Modelagem Matemática: um panorama das pesquisas brasileiras nos últimos anos electronic resource]

**Editorial:** 2019

**Documento fuente:** Educação Matemática Debate, ISSN 2526-6136, Vol. 3, Nº. 8, 2019 (Ejemplar dedicado a: maio/ago.), pags. 119-130

**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:** Portuguese

**Enlace a fuente de información:** Educação Matemática Debate, ISSN 2526-6136, Vol. 3, Nº. 8, 2019 (Ejemplar dedicado a: maio/ago.), pags. 119-130

---

### **Baratz Innovación Documental**

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