



Aplicación de DESMOS para la enseñanza de funciones exponenciales [

2023

text (article)

Analítica

Technology advances very rapidly in each of the contexts in which human beings operate, which is why education must also move at the same speed as the modern world does, since this world requires professionals with skills. In accordance with the current context, the present research aimed to apply Desmos for the teaching of exponential functions, the applied methodology had two stages, in the first when the teaching-learning process of exponential functions is carried out in the traditional way. , that is, using the blackboard and liquid chalk for the explanation and development of the exercises of exponential functions, in this instance a lesson is applied and collected, in the second time the teaching-learning process is a combination between the traditional form of teaching and the use of the Demos application, an evaluation is taken again and the average grades obtained by the first semester students of the Public Administration degree at the Escuela Superior Politécnica Agropecuaria de Manabí Manuel Félix López are compared, achieving an increase of 14.1% in the academic performance of the students, in conclusion the Desmos graphing calculator allows the improvement in the academic performance of the students when teaching exponential functions

Technology advances very rapidly in each of the contexts in which human beings operate, which is why education must also move at the same speed as the modern world does, since this world requires professionals with skills. In accordance with the current context, the present research aimed to apply Desmos for the teaching of exponential functions, the applied methodology had two stages, in the first when the teaching-learning process of exponential functions is carried out in the traditional way. , that is, using the blackboard and liquid chalk for the explanation and development of the exercises of exponential functions, in this instance a lesson is applied and collected, in the second time the teaching-learning process is a combination between the traditional form of teaching and the use of the Demos application, an evaluation is taken again and the average grades obtained by the first semester students of the Public Administration degree at the Escuela Superior Politécnica Agropecuaria de Manabí Manuel Félix López are compared, achieving an increase of 14.1% in the academic performance of the students, in conclusion the Desmos graphing calculator allows the improvement in the academic performance of the students when teaching exponential functions

<https://rebiunoda.pro.baratznet.cloud:28443/OpacDiscovery/public/catalog/detail/b2FpOmNlbGVicmF0aW9uOmVzLmJhcmF0ei5yZW4vMzYwNDg2MDU>

Título: Aplicación de DESMOS para la enseñanza de funciones exponenciales electronic resource[.]

Editorial: 2023

Tipo Audiovisual: Software de matemáticas App de matemáticas Tics en matemáticas Desmos Mejoramiento académico mathematics software Math App Tics in mathematics Desmos Academic improvement

Documento fuente: Polo del Conocimiento: Revista científico - profesional, ISSN 2550-682X, Vol. 8, Nº. 12 (DICIEMBRE 2023), 2023, pags. 372-383

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: Spanish

Enlace a fuente de información: Polo del Conocimiento: Revista científico - profesional, ISSN 2550-682X, Vol. 8, Nº. 12 (DICIEMBRE 2023), 2023, pags. 372-383

Baratz Innovación Documental

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