



# Analog-Model Analysis of Regional Three-Dimensional Flow in the Ground-Water Reservoir of Long Island, New York: Usgs Professional Paper 982 (Paperback)

By Rufus T Getzen

Bibliogov, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. A three-dimensional analog model of the ground-water system beneath Long Island, N.Y., provides a practical means for studying anisotropic flow on a regional scale. Constructional and operational techniques influence the simulation almost as much as model design does. Usefulness and accuracy of the model depend on (1) inherent and practical limitations of the finite-difference method, (2) accuracy and completeness of the data base, and (3) accuracy of the assumptions and approximations that were made in applying the simulation technique to this particular groundwater reservoir. Reliable data used in design of the model are (1) horizontal hydraulic conductivity and thickness of three major aquifers, (2) extent of confining beds, (3) specific yield, and (4) locations of streams. Estimates of vertical hydraulic conductivity and specific storage were applied to the model. Most spatially fixed model boundaries are good representations of prototype (real-world) boundaries. Most dynamic boundaries are only approximately represented, and some dynamic boundaries require application of unproved assumptions. The simulated ground-water reservoir generally agrees with prototype hydrology, and the model is being used for predictive studies.

#### Reviews

It in a single of my favorite ebook. It can be packed with knowledge and wisdom I am just happy to tell you that this is basically the finest ebook i have got study in my very own lifestyle and may be he greatest pdf for actually.

-- Dr. Jaquan Goodwin Jr.

This is actually the greatest pdf i have got go through until now. Indeed, it can be perform, nevertheless an amazing and interesting literature. Its been designed in an extremely simple way and is particularly only following i finished reading this ebook where really modified me, affect the way in my opinion.

-- Jacey Simonis

# Relevant eBooks



#### Ohio Court Rules 2013, Practice Procedure (Paperback)

Createspace, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. Superseded by 2014 Edition. This title is available, but should be relied upon solely for purposes of historical reference...



Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications. (Paperback)

Rarebooksclub.com, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. This historic book may have numerous typos and missing text. Purchasers can usually download a free scanned copy of the...



### Southern Educational Review Volume 3 (Paperback)

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original...



#### Variations on an Original Theme Enigma, Op. 36: Study Score (Paperback)

Petrucci Library Press, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. Dedicated to my friends pictured within, Elgar s orchestral showpiece started life as a simple improvisation at the...



# Ohio Court Rules 2014, Government of Bench Bar (Paperback)

Createspace, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. Ohio Court Rules 2014, Government of Bench Bar, contains all of the rules relating to Ohio attorneys and judges and...



## Ohio Court Rules 2012, Government of Bench Bar (Paperback)

Createspace, United States, 2011. Paperback. Book Condition: New. 246 x 189 mm. Language: English. Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. Superseded by 2013 Edition. This title is available, but should be relied upon solely for purposes of historical reference or...