

**Poetry,
socio-educational
landscapes and
painting in their
steps fractals.**

Poetry, socio-educational landscapes and painting in their steps fractals.

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PREFACE

The art organizes everything by parts. The authors of this work are implacable authors of some dawns, evenings and nightfalls that bring a fresh change to the Homo Sapiens at any place of the planet. Their valleys, volcanoes, atmospheres, are not only theirs, they are of all of us. They are of the whole world. They will be of the future world. The future generations will enjoy their discoveries, of what today they copy from the nature that surrounds us. The landscape, suddenly becomes difficult to rescue but with the knowledge and dexterity characteristic of the authors of this beautiful book, one proves that, in all the five continents, new aesthetics and semiology transformations, are generated.

Poetry, socio-educational landscapes and painting in their steps fractals demands an imagination effort. The authors go developing dimensions with colors and give organic forms arranged to them while they paint. They recognize that the essence of life, increases, it transform and changes in the synergetic objects that they paint in the solid, liquid and gaseous states. They allow in their representations that those parts are logically adequate, so that there is harmony in their painting. The parts that they organize, require a structural setting that is adapted to the variations of functional requests and allows to give extension and relation to the organic structures that the authors paint in the pattern, continuity that they search and study in the nature.

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Dedication.....

Gratefulness and recognitions.....

Introductory comment.....

Poetry, socio-educational landscapes and
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“Landscapes”

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DEDICATION

To family.

To my brothers, my sister, friends, grand- fathers (Roberto Arturo Vasquez Pereira, Victor Ceron Martinez Madrigal), grandmothers (Laura Escobar Henao, Francisca Rosa Vasquez Perez), great-great-grand-fathers, great-great-grandmothers, relatives, family, humanity, cosmos. To Dr. Fabio Vasquez Escobar To the Most Excellent Bishop Gerardo Martinez Madrigal. To the Most Excellent Bishop Guillermo Escobar Velez. To the Excellent Ambassador Raul Vasquez Velez. To the Excellent Ambassador Lucelly Garcia Tobon.

To Marco Tulio Duque's School, Conrado Gonzalez Institute, IDEM Fray Julio Tobon Betancu, Colombian Polytechnic, National University, Autonomous Latin-American University, SEP, University of Antioch, Bolivian Pontifical University, UNAM, UAG, UNISARC, Sao Paulo University, Free University, Salvador Duque School, University EAFIT, University of Sydney, University of Helsinki, University of Tampere, University of Cape Town, TEC; University of Guadalajara, UCLA, MIT, University of Houston, Harvard University, Yale University, Oxford University, Linguaphone Institute, Cambridge University, Scranton University, UNESCO, DOMETAL, RIOTEX, COLTEPUNTO, Company of Packings S.A., Technological Institute. Pascual Bravo., Modern Institute of Education, ASSTI, ESAP, Colombian Polytechnic Jaime Isaza Cadavid, Montessori School, SENA, University de San Buenaventura, International Center of Cambridge, The St. Lukas Academy, Bamberg University, Pekin Normal University, Who's Who in the World, American Biographical Institute, The Marquis Publications, Editorial Papiro, Colombian Polymers, VIAMACOL, Rotary International, Biographical

Institute of United States of America, Superior Academy of Technical Industrial Services, National Service of Learning, Reforestation Company La Floresta, Casa de Reyes, Engineering School of Antioch, The Southern African Comparative and History of Education Society, University of Paris, Hospital El Carmen de Viboral, Beijing Normal University, Tokyo University, Waseda University. University of Guadalajara.

To the schools, institutions and universities of the five continents that offered me the opportunity to recreate, relearn, reinvent, rethink and study.

And to the whole last, present and future humanity that consecrates the cultivation of the right values, the positive visions, and life, is a great company, the post modernity, the fractality, the harmony of the societies and universal cosmos.

GRATEFULNESS AND RECOGNITIONS

To the whole last and present humanity
and their universal cosmos.

Recognition also to the Dr. Ricardo Villanueva Lomeli, Rector General, U. de G.; Dr. Jorge Tellez Lopez, Rector CUC, U. de G.; to Dr. Remberto Castro Castañeda, U. de G.; to Bachelor Raul Padilla Lopez, U. de G.; Dr. Raul E. Tamayo Gaviria, Professor Vagn Lundsgaard Hansen, Professor Ching-Lin Hu, Professor Byung-Jin Lee, Professor Erwin H. Epstein, Professor Shin'ichi Suzuki, Dr. David Turner; Dr. Medardo Tapia U., MRS. Guadalupe Gonzalez de Turner; M.C. Jesus Cabral, U. de G.; M.C. Maria Morfin, U. de G.; Dr. Maria Antonia Abundis, U. de G.; Bachelor Arturo Fernandez, U. de G.; Bachelor Javier Fernandez, U. de G.; M.C. Patricia Medina, U. de G.; Dr. Alfredo Cesar Dachary, U. de G.; Dr. Stella Arnaiz, U. de G.; to MRS. Barbara Bush, to Dr. Fabio Vasquez E., to Dr. Humberto Martinez V., to Dr. Guillermo Esquivias L., for their observations and comments.

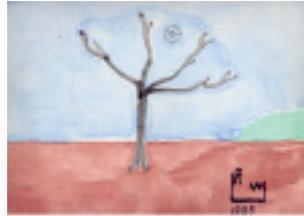
INTRODUCTORY COMMENT

To life, for the opportunity to give us each breath
and thereby achieve poetry and paintings made
for future generations with positive resilience.



Development of poetry with paintings

In the middle of the immensity
I was born with nothing.
And I'm going with nothing.
It's nothingness.
Vanity of vanities,
everything is vanity.
Live with hope, with vision
positive, in the face of adversity.



That light what is made up
in endless ranges
of colors, Give hope
in the life, everything is colorful,
from the black or white ends.



Many roads today
in the dialectic of the life
some paint of brown
in green leaf, artist
that with many shadows draw,
happy lives in his paintings and
in his walk. Being around of blues



I like painting, in favor
of the cosmos Its my choice, looking
at the ribs, the bushes, the flowers,
breathing oxygen and live with hope
the blue of the sky in the limits,
and my iris reflections look,
also in the appeased sea
what of tranquility
to my organized head.



Very expressive color, the red,
gives the passion, of the forbidden,
and of the care of the fire that arises in us.



The sun, the gold, yellow shapes,
the sun prepares us photosynthesis,
prepares us for coins in the wood,
we express the brown, concatenates us
in certain ways with the cosmos (Hawking, 1988).
On our planet we plant trees
and they help us In the lungs.
In the life the colors are reflected.

They reflect in different shades
of the same, with its lengths
cool caught in our eyes,
in our brain, they become
creative images those who believe
only in what they see,
It is little of what they observe.

Those who are born
between white and black,
the nuances are not lost,
looking and creating
new colors,
with its different tones
educational painting
it's a job forty-three
years ago reinforced
with workshops roc
and continuing
at the University Center
of the coast, University of Guadalajara,

Campus Puerto Vallarta.
It's a work of creativity,
to give a message, a protection
semiology to ecology and our



environment. is to leave an ecological footprint. Creative Painting:

It is a philosophy of life.
Creative Painting: It is a semiology of Protection to our environment. Creative Painting: It is an expression of "homosapiens", where the paint is taken as a positive vision in the face of adversity to leave materials recordable to future generations.

Creative Painting: it is an environmental education in art.
Creative Painting is: a space to hope human, where not everything it has been destroyed and there's still a lot for rebuilding in the ecology and habitat where we live Creative Painting: is an art as therapy to reduce "stress" Creative Painting: look for the observations of mineral masses, of rock formations, of solid masses, liquids and gases,





with way like those general components are touched by the creativity, plasticity, aesthetics, the original stroke, Bringing the brush to recondit places of oil and watercolor.

Creative Painting: live a processtoo many dynamic changes intoo little time.

In Creative Painting, identify ecological problems, determining the current situation of themselves in shape esthetic. Where the elements physical, heat and color they mix and they are represented in different tonalities of colors.

Creative Painting manifests in the flurries of light are nourished by air, sending messages semiological to the firmaments Creative Painting is evident in the dimensions of



the mountains convalesce, in the sunsets, sunrises, nightfall

Creative Painting is expresses in the wind, there flanks of clouds waving in the firmaments.

Creative Painting is announces in the folds, the ribs, represent those brands geophysical terrestrial surfaces.

Creative Painting is articulates on the roads, where the trees they meet to count their nests, moving the stars

Creative Painting manifests is enunciates: in fractals, mathematization of painting.

Creative Painting it is explained in the green, color that takes shape and presence of spiral, giving idea of "big bang" and "Big crunch"

Creative Painting is expressed
in the sodium chloroquine,
where your movement is going to
explode against rocks in the sea and
the afternoon invade
sounds harmonious

Creative Painting is mentioned
in snow and dirt where it
they transform into the global warming.

Creative Painting is observed
in the isolated green,
sea outbursts they light
moments before
explode in the sea and
move the tectonic layers.





Creative Painting is revealed itself in the flashes of the stars where they reduce in the night the firmament to a only trace of looks.

Creative Painting is evidenced in the yellow where gird up the cloud and beyond is the summer.



Creative Painting expresses itself in a silence, where you have extended to what length of the perspective.

Creative Painting is announced in the crimson where it pour between flowers, the sentence of color is permanent.



Creative Painting it expressed in the day with your rainbow where it wins Between the clouds. Creative Painting manifest in the immense landscapes, with your accidents geotechnical.



Creative Painting

it is explained in earthquakes with their undulations from the mountains.

The green starts,
the yellow, the coffee,
the blue, the red, the black.



Creative Painting

it expressed in the colors where they are perceived and makes contact the day with stunned looks of the "homo sapiens" (Frankl, 2004).



Creative Painting

the day deepens in the abyss.

Creative Painting are observed

in the abysses where it poke in holes indescribable blacks.

The landscape of the forest he is moved. The green looks in the reliefs of the mist.



Creative Painting

heat enters, the shout of the evening it holds and in the furor of the trees it goes on at stars

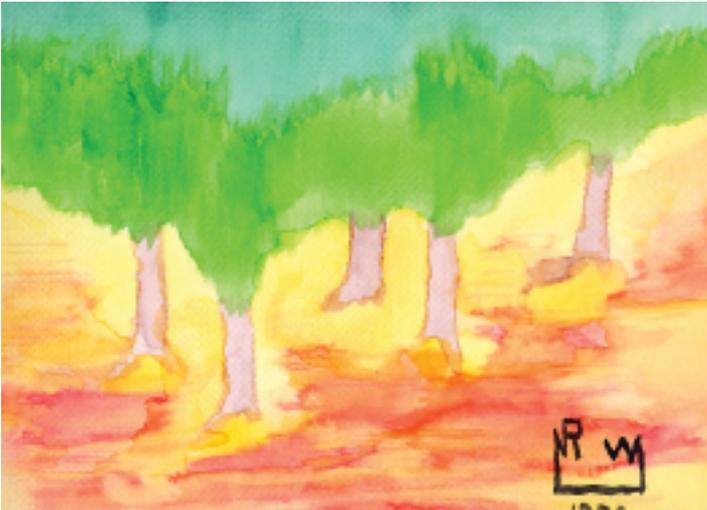
Creative Painting are revealed the galaxies, they continue to grow and in that space find a milky way, via which is part of a universe, who interrogates silence and stay between the night, playing with the stars.



Creative Painting

it is evident in the afternoon where
they sweep the dreams,
greening the path,
greening until firmament.

Creative Painting is expressed
in the distance where in the
sea will divulge
remote islands, where
has been highlighted more
there, the troubled
rebound of the landscapes.





Creative Painting it is articulated
in the mists, where they are
disturbing and undulating the
parts spatial mountains

Creative Painting
it is stated in the time,
the space where they go
relativizing and
the landscapes
they are transforming
to leave a sustainable development
and sustainable
to future generations.

Creative Painting:
They are sunsets, greenings, reddish colors, tiles of our planet earth.

Creative Painting:
It is a positive vision
In the face of adversity.

Creative Painting:
It is a research process, where the metacognitive, the cognitive, the affective, the psychomotor, the consequential, the experiential, They are integrated synergistically.

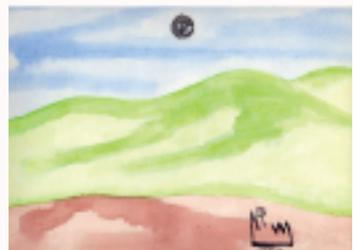
Creative Painting:
It is the rocrematic of the metacognitive process, Consequential and experiential (Vasquez, et al, 2017).

Creative Painting:
they are activities that contain: inputs, processes, products, feedbacks, entropias, negantropias, homeostasis in permanent dynamic continuous improvement.

Creative Painting:
it is the appreciation of diversity, alterity with contemplations and reflective amazes.

Creative Painting: it's a push in infants, young and old to place their materials recordable for future generations with positive vision the obstacles of life.

Each person projects their paintings in their lives to adapt their styles to their realities.



Every stain we make is a painting.
Each one of our codes that plasmanos
is a sign, to place them registered in our cellulose
materials and cybernetics for future hermeneutics
In creative painting, we express
colors in the five senses:
we smell them, we like them,
we see, we listen to you,
we touch them and we manifest them
in our affections: cognitive,
metacognitive, consequential,
experiential, psychomotor;
where real facts are manifested:
in each individual
that expresses his acts (Vasquez, et al, 2018).
It seems that no we learned
of Culture and follow
the eros and the thanatos
in its transformation (Freud, 2017).



Conclusion

Poetry and Creative painting in our reflections, is an effort of forty-three years, including the Ten and Seven years in the CUC Creative Painting Workshop, where our artistic manifestations have participated to place registrable materials in future generation with positive visions and resilience in the formation of heritage Cultural Center of the University of Guadalajara.



Bibliographical notations

Poetry and Creative painting in our reflections the workshop of these paintings from 1973 to the present, has been inspired by the books of Frankl (2004), Freud (2017), Hawking (1988), Vásquez, et al (2018).

And as Frankl (2004) comments:

Nothing has been lost, even if it belongs to the past, because we have made it open to being, and having been is also a way of being, perhaps the surest way to be (p.106).

We are still in the process of generating new creative works.



Bibliography

Frankl, V. (2004). El hombre en busca de sentido
Barcelona: Herder.

Freud, S. (2017). El malestar en la cultura. Madrid: Akal.

Hawking, S. (1988) Breve historia del tiempo
New York: Random House.

Vásquez-Martínez, Claudio-Rafael, et al. (2017).
The reorganisation of the curriculum in educational cycles in Codema College: a positive step and paintings in their steps fractals.-Arlequin Editorial y Servicios, S.A. de C.V.

— (2018). Reflections on educational reforms in Latin America and paintings in their steps fractals. Zapopan: Arlequin Editorial y Servicios, S.A. de C.V.

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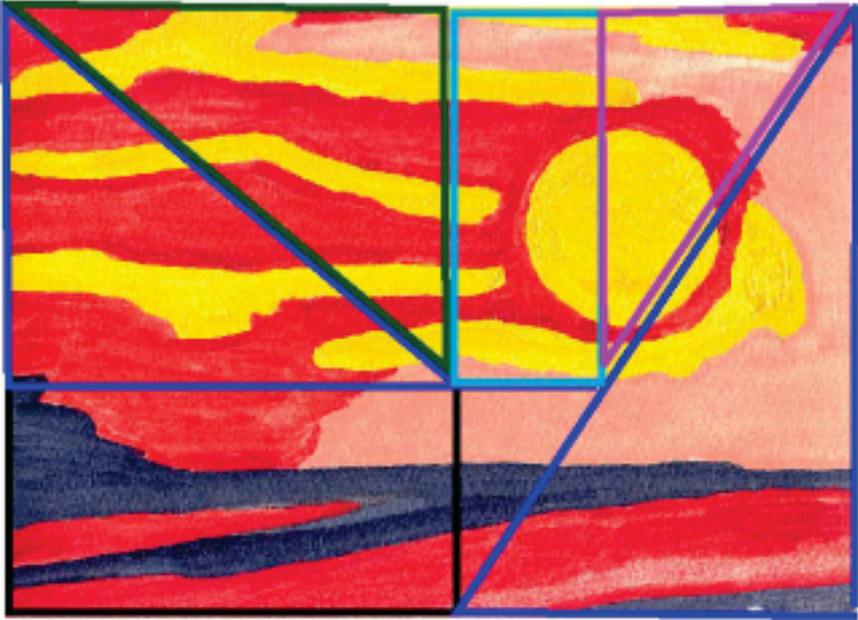
Poetry, socio-educational landscapes
and painting in their steps fractals.



1 cuadrado
5 triángulos escalenos
1 romboide
2 rectángulos

Phase 1

**Poetry, socio-educational landscapes
and painting in their steps fractals.**



2 rectángulos
3 triángulos escalenos

Phase 2

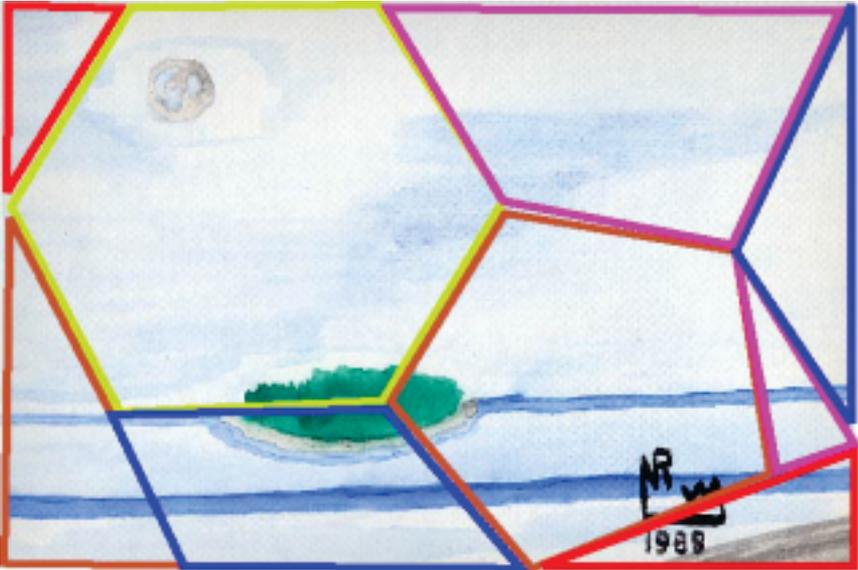
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- 1 cuadrado
- 5 triángulos escalenos
- 1 romboide
- 2 rectángulos

Phase 3

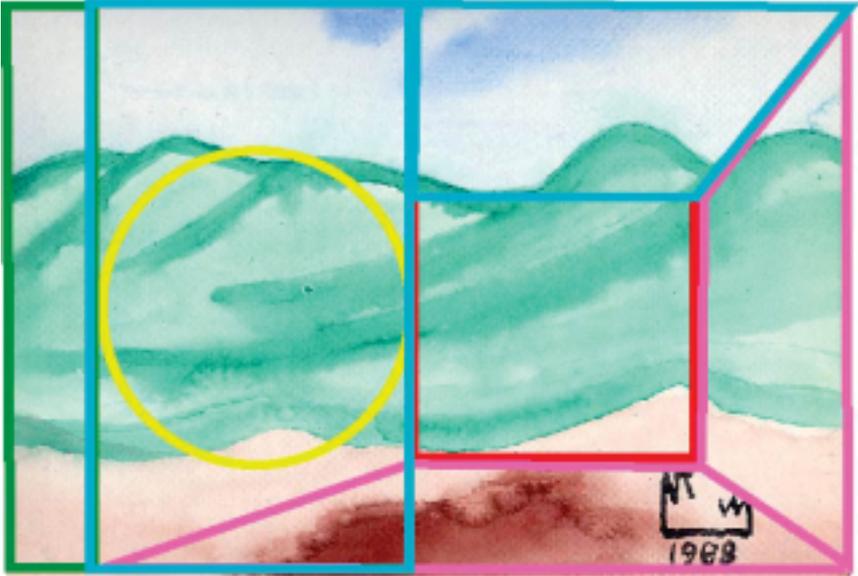
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5 triángulos escalenos
1 hexágono
1 pentágono
1 trapecio
1 trapecio isosceles

Phase 4

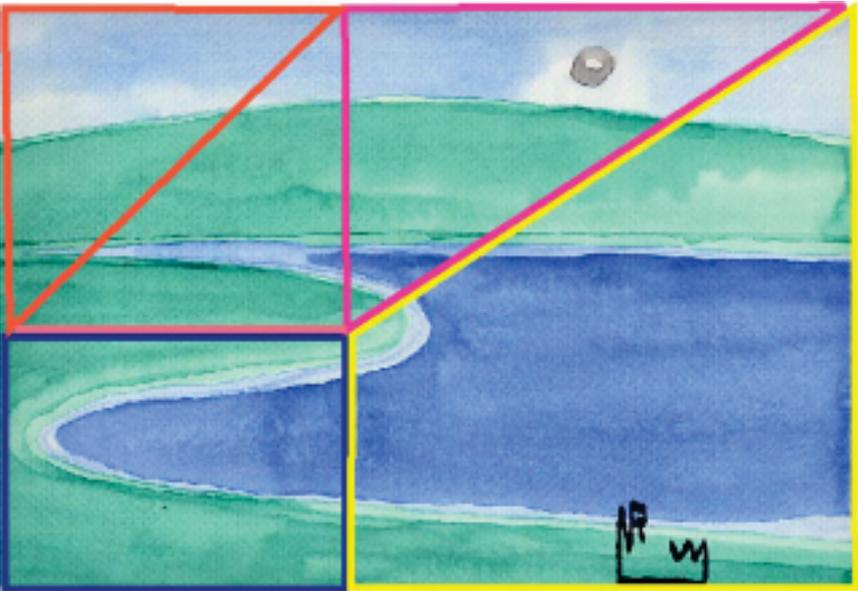
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- 1 CIRCULO
- 1 CUADRADO
- 1 RECTANGULO
- 1 TRAPESOIDE
- 1 TRIANGULO ISOSCELES
- 2 TRAPESIOS ISOSCELES

Phase 5

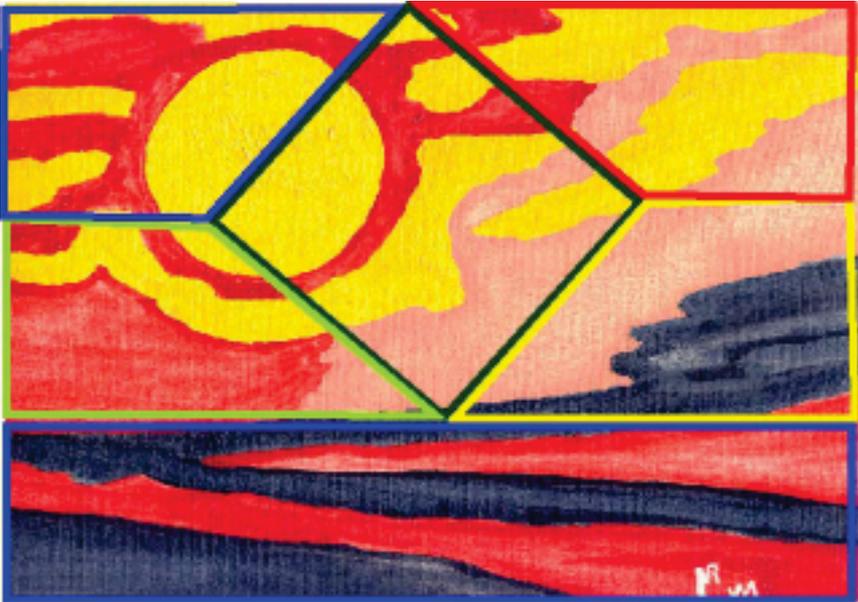
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- 1 cuadrada
- 2 triángulos escalenos
- 1 triángulo equilátero
- 1 trapecio rectangular

Phase 6

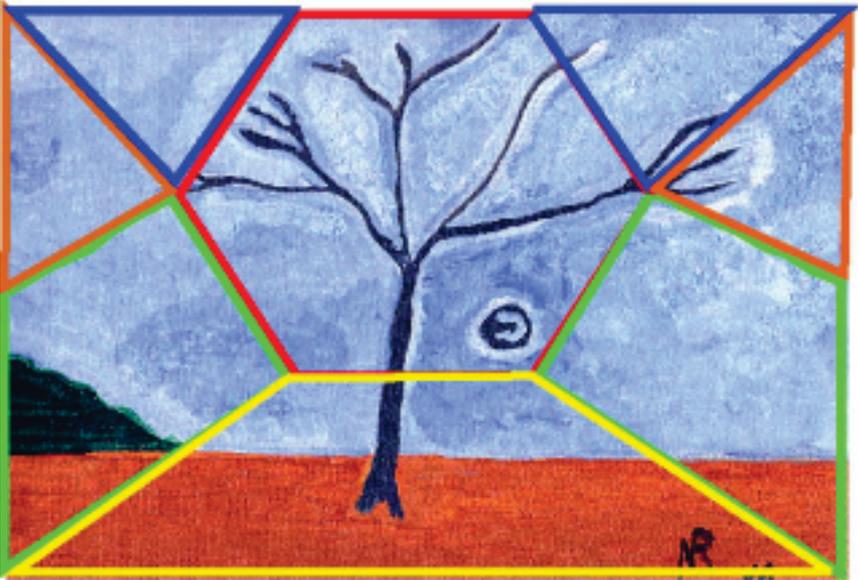
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1 rectángulo
1 rombo
4 trapecio rectángulos

Phase 7

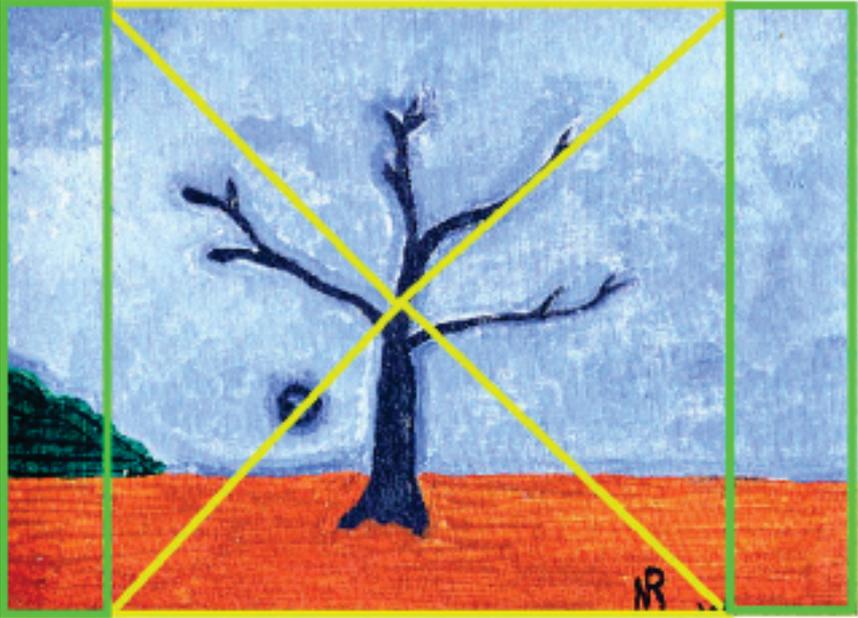
Poetry, socio-educational landscapes
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4 triángulos isósceles
1 hexágono
2 trapecios isósceles
1 trapecio

Phase 8

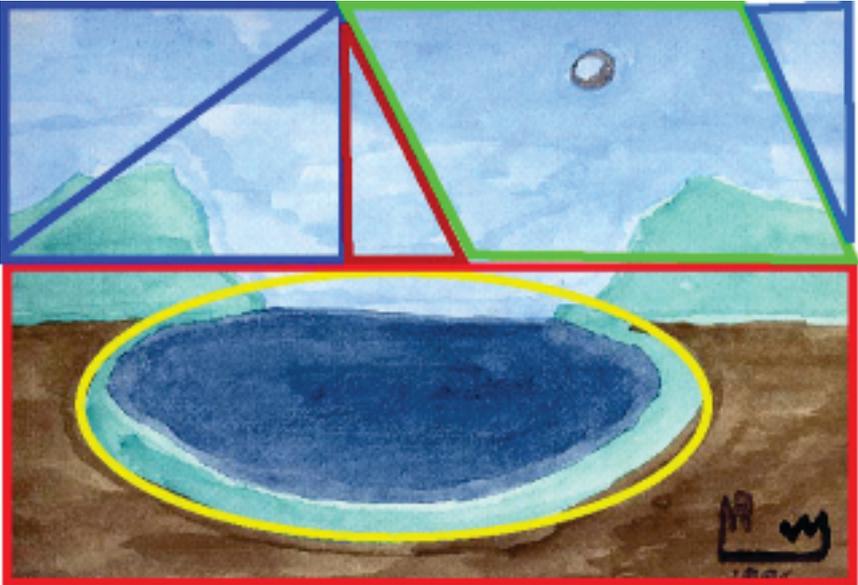
Poetry, socio-educational landscapes
and painting in their steps fractals.



2 rectángulos
4 triángulos isosceles

Phase 9

Poetry, socio-educational landscapes
and painting in their steps fractals.



1 rectángulo
1 círculo
4 triángulos escalenos
1 romboide

Phase 10

Poetry, socio-educational landscapes
and painting in their steps fractals.



4 rectángulos
1 círculo
4 triángulos isósceles

Phase 11

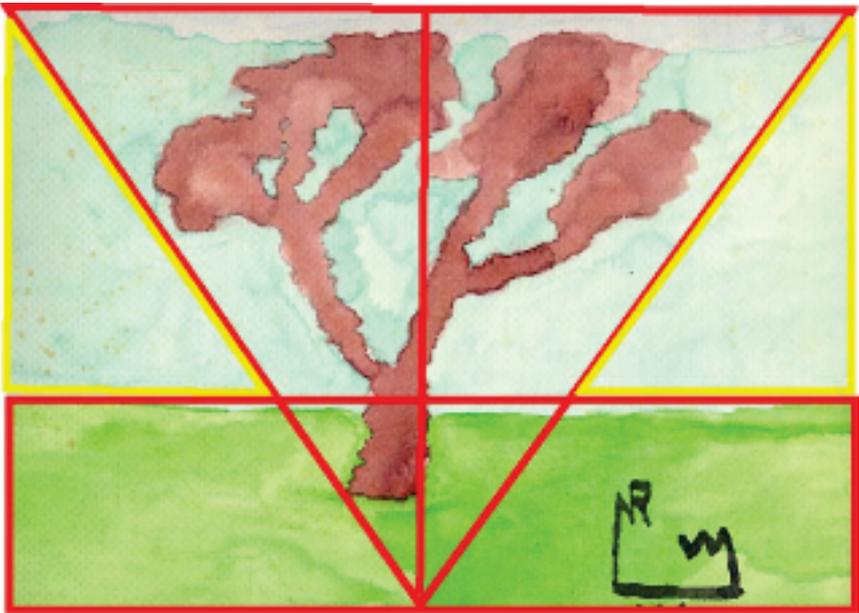
Poetry, socio-educational landscapes
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1 rectángulo
1 cuadrado
1 círculo
2 triángulos isóceles

Phase 12

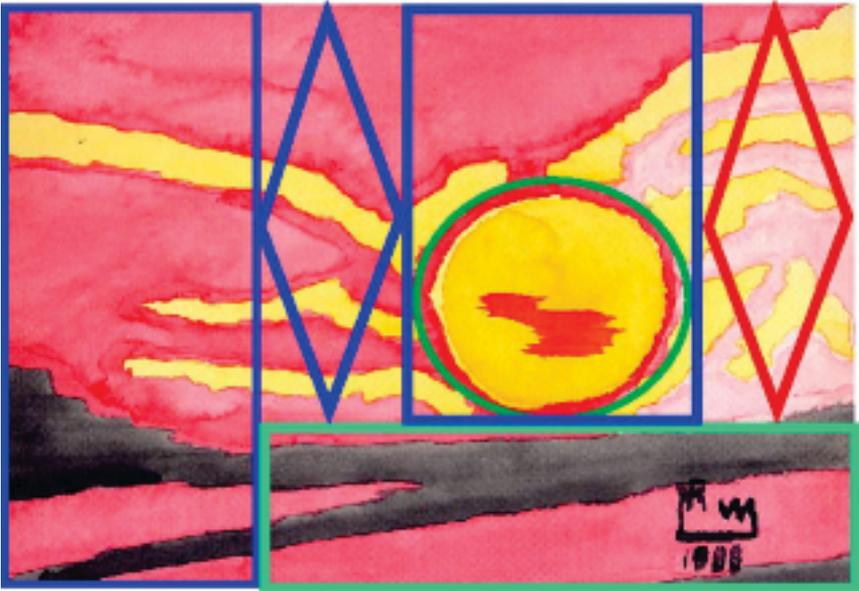
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and painting in their steps fractals.



1 rectángulo
1 triángulo equilátero
6 triángulos isósceles

Phase 13

Poetry, socio-educational landscapes
and painting in their steps fractals.



3 rectangles
8 triangles isosceles
2 rhomboids
1 circle

Phase 14

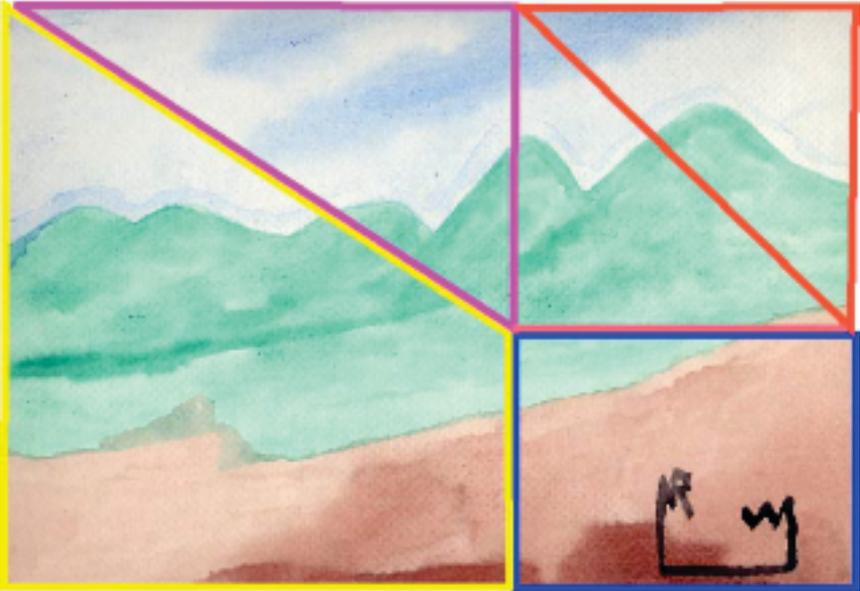
Poetry, socio-educational landscapes
and painting in their steps fractals.



- 1 triángulo equilátero
- 1 trapecio rectangular
- 1 triángulo isósceles
- 1 rectángulo

Phase 15

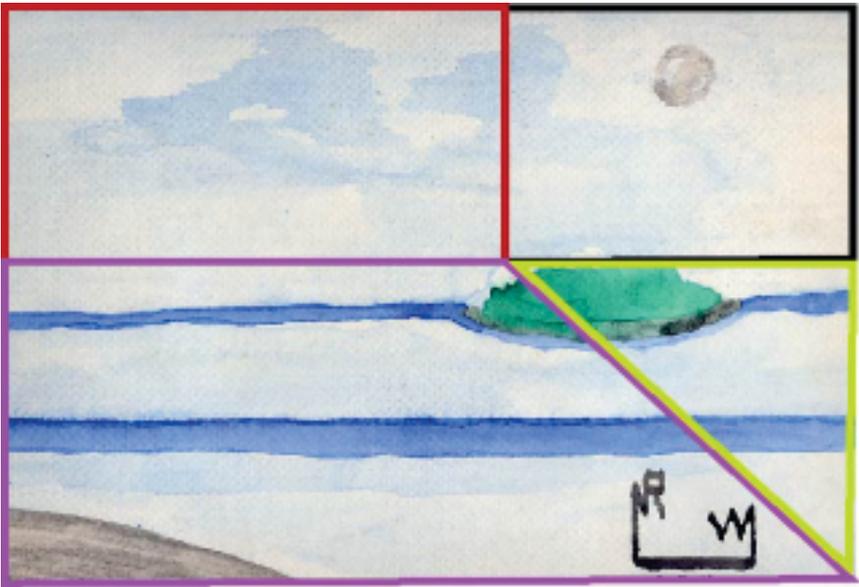
Poetry, socio-educational landscapes
and painting in their steps fractals.



1 cuadrado
3 triángulos isósceles
1 trapecio rectangular

Phase 16

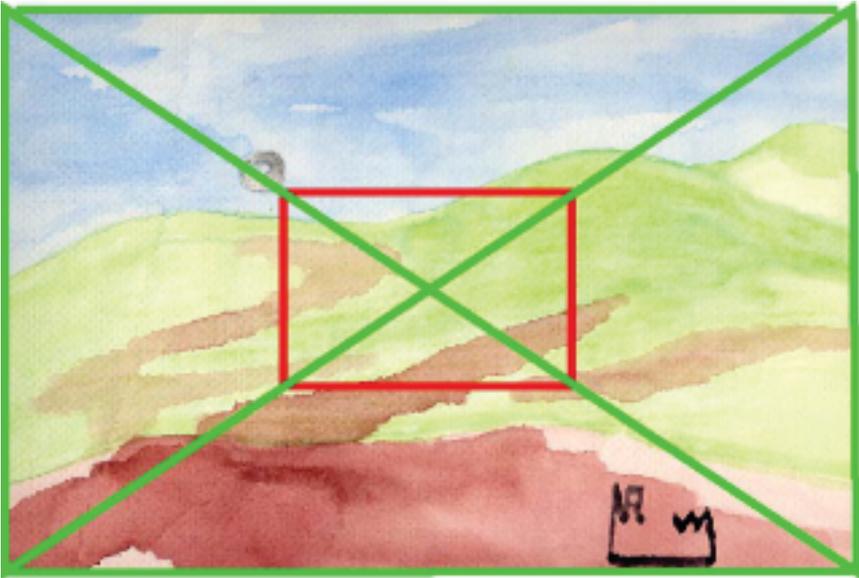
Poetry, socio-educational landscapes
and painting in their steps fractals.



- 1 rectángulo
- 1 cuadrado
- 1 trapecio rectangular
- 1 triángulo isosceles

Phase 17

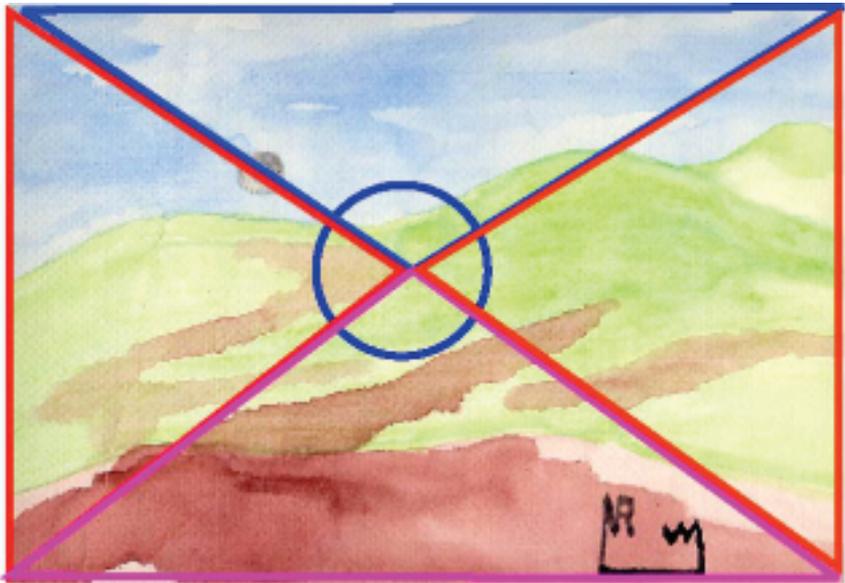
Poetry, socio-educational landscapes
and painting in their steps fractals.



4 triángulos equiláteros
1 cuadrado al centro

Phase 18

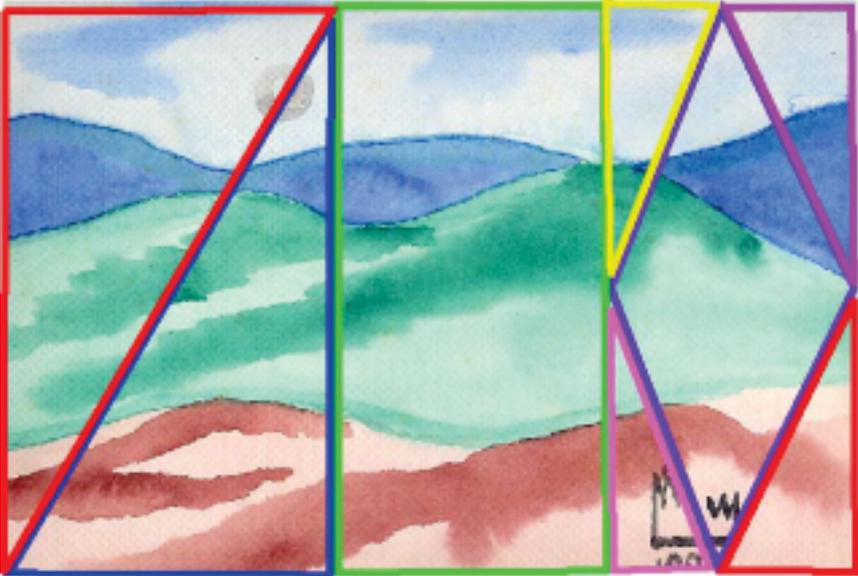
Poetry, socio-educational landscapes
and painting in their steps fractals.



2 triángulos equiláteros
2 triángulos isosceles
1 círculo

Phase 19

Poetry, socio-educational landscapes
and painting in their steps fractals.



6 Triangulos escalenos
1 romboide
1 rectangulo

Phase 20

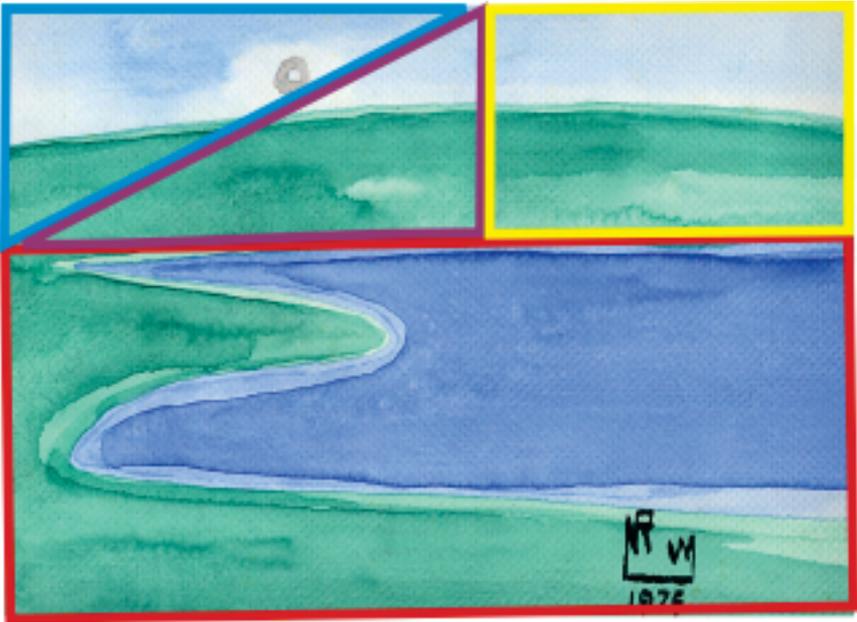
Poetry, socio-educational landscapes
and painting in their steps fractals.



3 triangulos
1 trapesio isosceles

Phase 21

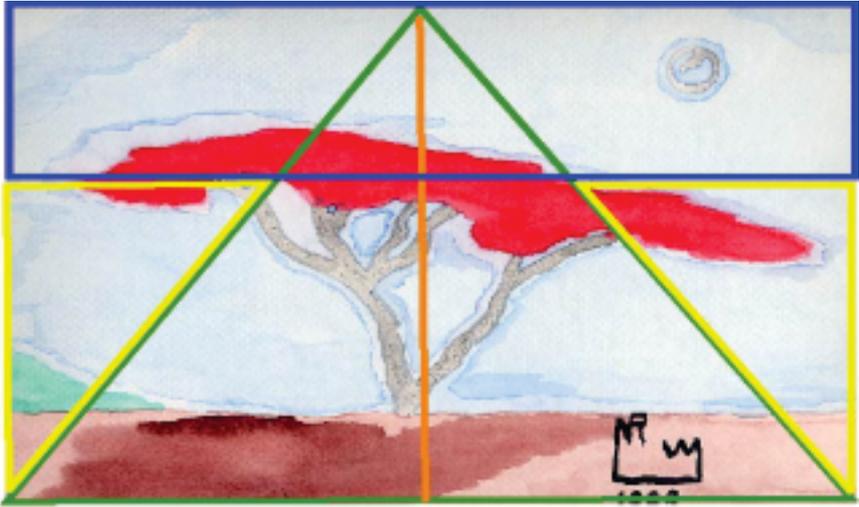
Poetry, socio-educational landscapes
and painting in their steps fractals.



2 rectángulos
2 triángulos escalenos

Phase 22

Poetry, socio-educational landscapes
and painting in their steps fractals.



1 rectángulo
1 triángulo equilátero
6 triángulos isósceles

Phase 23

BIBLIOGRAPHY

- ACHA, J. Arte y Sociedad latinoamericana. El sistema de producción. Fondo de Cultura Económica. México D.F. 1979.
- ATRAN, S. Fondements de l' Histoire Naturelle. Editions Complexe. 1986.
- BARNITZ, J. Twentieth Century Art of Latin America. University of Texas Press. Austin. Texas. 2001.
- BARTHES, R. El Grado Cero de la Escritura. México. Siglo Veintiuno. 1991.
- de Colombia. Biblioteca Luis Angel Arango. Bogotá D. E. 1971.
- BARNEY C., E. Grabadores y Dibujantes
- BARNEY C., E. Temas para la Historia del Arte en Colombia. Divulgación Cultural, Universidad Nacional de Colombia. Bogota. 1970.
- BAYON, D. América latina en sus Artes. Siglo XXI Editores S.A. México D.F. 1974.
- BERTRAM, A. 1000 Years of Drawing. Studio Vista. Dutton. London. 1969.
- BLOOR, D. Knowledge and Social Imagery. London. Routledge. 1976.
- BRYSON, N., Visión y Pintura. La Lógica de la Mirada. Madrid. Alianza Forma. 1991.
- CASSOU, J. Génesis del Siglo XX. Salvat
- CASSOU, J. Panorama de las artes plásticas Contemporáneas. Ediciones Guadarrama. Madrid. 1961.
- Editores, Barcelona. 1963.
- DANCE, S. P. The Art of Natural History. London. Bracken. 1989.
- EISESTEIN, E. The Printing Press as an Agent of Change. New York. Columbia University Press. 1979.
- ELDERFIELD, J.. The Modern Drawing. The Museum of Modern Art. New York. 1983.
- ESTEVA-GRILLET Roldan. El Dibujo en Venezuela: Estudio y Antología de Textos. Fundarte. Caracas. 1992.
- GALENSON, D. W. Painting Outside the Lines: Patterns of Creativity in Modern Art. Harvard University Press. 2001.
- GIRALDO J., G.. La Pintura en Colombia. Fondo de Cultura Económica. México. 1948.
- GOODALL, D. B.; URBACH, M.. Colombian Figurative Graphics. The University of Texas. Austin. 1996.
- IVINS, W. M. Imagen impresa y conocimiento. Barcelona. G. Gili. 1975.
- JOHNSON, U.E. 20th Century Drawings. Par I: 1900-1940. Little, Brown and Company. Boston-Toronto. 1964.
- OHNSON U.E. 20th Century Drawings. Par II. 1940 to Present. Little, Brown and Company. Boston-Toronto. 1964.
- LAMBERT, S.. El Dibujo, la Técnica y Utilidad. Hermann Blume. Madrid. 1985.
- LEYMARIE, Jean, Monnier, Geneviere, Rose, Bernice, Drawing. Skira, Rizzoli. New York. 1979.
- LINCH M.; Woolgar, S. Representation in Scientific Practice. Cambridge. Mass. The MIT Press.
- MANDELBROT, B. Fractal geometry and analysis: the Mandelbrot Festschrift. Cuaraco 1985. Editors. C.J.G. Evertsz, H. O. Peitgen, R.F. Voss. Singapore; River Edge, NJ: World Scientific. 1996.
- MANDELBROT, B. Fractals, graphics, and mathematics education. Washington. DC. Mathematical Association of America. 2002.

-
- MANDELBROT, B. Fractals in physics. New York. Elsevier Science. Pub. Co., 1990.
- MANDELBROT, B. Thinking in patterns: Fractals and related phenomena in nature. River Edge. New Jersey. World Scientific. 2004.
- MANDELBROT, B. The Fractal geometry of nature. New York. W.H. Freeman. 1983.
- MANDELBROT, B. Fractals and Chaos. New York. Springer 2004.
- MANDELBROT, B. Fractals and scaling in finance: discontinuity, concentration, risk. New York. Springer 1997.
- MANDELBROT, B. Fractals: Form, chance, and dimension. San Francisco. W.H. Freeman. 1977.
- MANDELBROT, B. Gaussian self-affinity and fractals: globality, the earth. New York. Springer 2001.
- MANDELBROT, B. The (mis) behavior of markets: a fractal view of risk, ruin, and reward. New York. Published by Basic Books. 2004.
- MANDELBROT, B. Multifractals and 1/F noise: wild self-affinity in physics. New York. Springer 1999.
- MANDELBROT, B. Les objects fractals: forme, hasard et dimension. Paris. Flammarion. 1975.
- MANDELBROT, B. Some potential problems arising in the theory of axial turbomachines. Pasadena. 1949.
- MANDELBROT, B. Fractal geometry and applications. Providence. R.I. American Mathematical Society. 2004.
- MEDINA, A., Procesos del Arte en Colombia. Colcultura. Bogotá. 1978.
- MEJIA de M., B.A. El Arte Colombiano en el siglo XX. Editorial Gráficas Olímpica. Pereira. 1988.
- MORATO, C; Vásquez M., C. R. et al. Evaluación de la Calidad. Ed. U. de A. Medellín. p. 553. 1986.
- PIGNATTI, Torisio. El Dibujo, de Altamira a Picasso. Ediciones Cátedra S.A.. Madrid. 1981.
- RANSON, P. Drawing. Oxford University Press. London. 1969.
- RESTREPO, B.; Vásquez, C. R. et al. La Educación a Distancia en Antioquia. Ed. Guadalupe Bogotá. 638 p. 1986. ISBN:95811-0046-6.
- RODRIGUEZ, M.; ROMERO, C.. Expresiones Modernas del Dibujo Colombiano. Banco de la República. Bogotá D.E., 1989.
- ROSE, Bernice. Allegories of Contemporary Modernism Drawing. The Museum of Modern Art. New York. 1992.
- RUBIANO C. G.. Dibujantes Jóvenes. Instituto Colombiano de la Cultura. Sala Gregorio Vásquez. Biblioteca Nacional. Bogotá D.E.. 1970.
- RUBIANO C., G.. Grabadores y Dibujantes de Colombia. Biblioteca Luis Angei Arango. Bogotá D.E.. 1971.
- RUBIANO C., G.. El Dibujo Actual en Colombia. Centro Colombo Americano. Bogotá D.E. 1984.
- RUBIANO C., G.. El Dibujo Actual en Colombia; Dibujo del Humor. Centro Colombo Americana. Bogotá D. E. 1985.
- RUBIANO C., G.. Dibujantes Colombianos Modernos; un Gran Exámen. Museo de Arte. Universidad Nacional. Bogotá D.E. 1987.
- RUSSOLI, Franco. Le XX Siècle. Dessins et Aquarelles. Gruppe Editoriale Frabbi,

37. 1990.

S.P.A.. Milan. 1970.

SERRES. M.. Le Passage du Nord-Ouest. Paris. Minuit.1980.

SMITH, N.Stan, Dibujar, Abocetar;

Herrman Blume. Madrid. 1983.

SCHUSTER, J. A.: Yeo, R,R., Ed. The Politics and Rethoric of Scientific Method: Historial Student. Dordrecht. D. Reidel. 1991.

THOMAS, K. Hasta hoy. Estilos de las artes Plásticas en siglo XX. Ediciones del Serbal. Barcelona 1988.

TRABA, M.. Historia Abierta del Arte Colombiano. Museo de la Tertulia. Cali.1984

TRABA. M. La Pintura Nueva en Latinoamérica. Bogotá. D.E. 1961.

TRABA. M.. Historia Abierta del Arte Colombiano. Instituto Colombiano de Cultura. Bogotá. D.E. 1984.

Yvori, H. The Mandelbrot echoes: for Symphony Orchestra. Helsinki. Edition Love. 1998.

VASQUEZ. M., C. R. Reflexión sobre Pestalozzi. Boletín de la Dirección General de Estudios de Postgrados. Vol. LI No. 10. Marzo-Abril. México. P. 7-13. 1988.

VASQUEZ. M., C. R. Tributo al Saber Alma Mater No. 127. Junio . P. 18-19. México. 1988.

VASQUEZ. M., C. R. Inmediatismo. Nexo. Segunda Quincena. Mayo México p. 5. 1988.

VASQUEZ. M., C. R. Los Computadores en la Educación. Alma Mater No. 146. Septiembre-October. México. P. 5-6. 1990.

VASQUEZ. M., C. R. Algunos Criterios para una Definición de las Relaciones Industriales. Boletín de la Dirección General de Estudios de Postgrados. Vol. 12. Agosto-Diciembre . México. P. 33-

VASQUEZ. M., C. R. El Computador en la Educación y Lenguajes. Universitas 2000. Volumen 16. Número 3 Venezuela. P. 75-90. 1992

VASQUEZ. M., C. R. La Formación de Capacitadores Docentes. Universitas 2000. Volumen 17. Número 4. Venezuela. P.97-114. 1993.

VASQUEZ. M., C. R. Una Reflexión Sobre el Método Científico. Estudios Pedagógicos. Número 19. Chile. P. 125-132. 1993. ISSN 0716-050-X

VASQUEZ. M., C. R. Et. al. Who's Who in the World. New Providence. New Jersey. The Marquis Publications. U.S.A. P. 1441. 1995. (Classic Edition).

VASQUEZ. M., C. R. Et. al. Who's Who in the World. New Providence. New Jersey. The Marquis Publications. U.S.A. P. 1441. 1995. (Deluxe Edition).

VASQUEZ. M., C. R. Et. Al. Who's Who in the World. New Providence. New Jersey. The Marquis Publications. U.S.A. P. 1387. 1996. (Classic Edition). ISBN: 0-8379-1115-X.

VASQUEZ. M., C. R. Et. Al. Who's Who in the World. New Providence. New Jersey. The Marquis Publications. U.S.A. P. 1387. 1996. (Deluxe Edition). ISBN: 0-8379-1116-8.

VASQUEZ. M., C. R. Et. Al. Who's Who in the World. New Providence. New Jersey. The Marquis Publications. U.S.A. P. 1511. 1997. (Classic Edition). ISBN: 0-8379-1118-6.

VASQUEZ. M., C. R. Et. Al. Who's Who in the World. New Providence. New Jersey. The Marquis Publications. U.S.A. P. 1511. 1997. (Deluxe Edition). ISBN: 0-8379-1118-4.

VASQUEZ. M., C. R. Et. Al. Who's Who in the World. New Providence. New

-
- Jersey. The Marquis Publications. U.S.A. P 1471. 1998. (Classic Edition). ISBN: 0-8379-1119-2.
- VASQUEZ. M., C. R. Et. Al. Who's Who in the World. New Providence. New Jersey. The Marquis Publications. U.S.A. P 1471. 1998. (Deluxe Edition). ISBN: 0-8379-1120-6.
- VASQUEZ. M., C. R. Modernización. Ideas. Número 7. México p. 56-74. 1994.
- VASQUEZ. M., C. R. Una Reflexión Sobre Modernización. Memorias del Encuentro Estatal de Investigación Educativa, Guadalajara. México. Julio 1994. P 11. 1994.
- VASQUEZ. M., C. R. Medición de Distancias Especiales por LASER. Alma Mater No. 156 Julio-Agosto. México. P 28-29. 1992.
- VASQUEZ. M., C. R. El tiempo y el Espacio IDEM. Antioquía. p. 23. 1975.
- VASQUEZ. M., C. R. Reflexión Sobre Modernización. Estudios Pedagógicos. Número 20. Chile. P 99-106. 1994. ISSN 0716-050-X
- VASQUEZ. M., C. R. Et. Al. Dictionary of International Biography. The Bath Press. Cambridge. P 347. 1996. ISBN: 0-948875-860.
- VASQUEZ. M., C. R. Génesis del Concepto de Número. Memorias del XXIX Congreso Nacional de la Sociedad Matemática Mexicana. 1996. ISBN 968-36-3592-X.
- VASQUEZ. M., C. R. Reflection in Modernization and Research. Abstracts. 9th. World Congress of Comparative Education Society, (WCCES). Australia. Sydney. P 166. 1996.
- VASQUEZ. M., C. R. El Arte de Preguntar en Matemáticas. Memorias del XXIX Congreso Nacional de la Sociedad Matemática Mexicana. San Luis Potosí México. 1996. ISBN: 968-36-3592-X.
- VASQUEZ. M., C. R. Research Methodology. Abstracts. 5th World Congress of Preventive Dentistry. Brasil. Sao Paulo. 1995.
- VASQUEZ. M., C. R. A Reflection on Modernization, Education and World Perspectives in Education for the 21st Century. Abstracts. The first Annual Conference of the Comparative Education Society at Asia. Japan. Tokyo. 1996.
- VASQUEZ. M., C. R. Reflection on Modernization, Education and World Perspectives in Education Equity and Transformation. 10th. World Congress of Comparative Education Society. (WCCES). South Africa. Cape Town. 1998.
- VASQUEZ M., C.R. Evocación al Paisaje. Editorial Papiro. Pereira. Colombia. 1999.
- VASQUEZ M., C.R. Mathematics Pedagogy and Rhochrematics: Observations for an Inference. Editorial Papiro. Pereira. Colombia. 2003.
- VASQUEZ M., C.R. Metodología para un Análisis Comparativo de Costos Universitarios entre las Modalidades de Educación Presencial y a Distancia de los Programas ofrecidos por la Universidad de Antioquía para el Período 1980 a 1984 a través de la Técnica de el Punto de Equilibrio. Editorial Papiro. Pereira. Colombia. 1999.
- VASQUEZ M., C.R. Reflexión sobre la Educación Latinoamericana y la Educación Colombiana. Editorial Papiro. Pereira. Colombia. 1999.
- VASQUEZ M., C.R. Reflexión sobre los Costos en la Educación Universitaria a Distancia en Colombia. Editorial Papiro. Pereira. Colombia. 1999.
- VASQUEZ M., C.R. Retrospectiva del Arte de la Pintura sobre la Arquitectura Paisajística. Editorial Papiro. Pereira.

Colombia. 2000.

VASQUEZ M., C.R. Who's Who in the World. New Providence. New Jersey. The Marquis Publications. U.S.A. P. 2274. 2001 (classic Edition) ISBN 0-8379-1 125-7.

VASQUEZ M., C.R. Who's Who in the World. New Providence. New Jersey. The Marquis Publications. U.S.A. P. 2274. 2001 (Deluxe Edition) ISBN 0-8379-1126-5.

VASQUEZ M., C.R. Who's Who in the World. New Providence. New Jersey. The Marquis Publications. U.S.A. P2255. 2002 (Classic Edition) ISBN 0-8379-1 127-3.

VASQUEZ M., C.R. Who's Who in the World. New Providence. New Jersey. The Marquis Publications. U.S.A. P2255. 2002 (Deluxe Edition) ISBN 0- 8379-1128-1.

VASQUEZ M..C.R. Who's Who in the World. New Providence. New Jersey. The Marquis Publications. U.S.A. P2523. 2003 (Classic Edition) ISBN 0-8379-1129-X.

VASQUEZ M..C.R. Who's Who in the World. New Providence. New Jersey. The Marquis Publications. U.S.A. P2523. 2003 (Deluxe Edition) ISBN 0-8379-1130-3.

VASQUEZ M., C.R. Who's Who in the World. New Providence. New Jersey. The Marquis Publications. U.S.A. P2407. 2004 (Classic Edition) ISBN 0-8379-1131-1.

VASQUEZ M., C.R. Who's Who in the World. New Providence. New Jersey. The Marquis Publications. U.S.A. P2407. 2004 (Deluxe Edition) ISBN 0-8379-1132-X.

VASQUEZ M., C.R. A Methodology on Modernization. Globalization and Lifelong Learning for the New Millennium. 11th World Congress of Comparative Education Society (WCCES). Korea National University of Education. South Korea. Chungbuk. 2001.

VASQUEZ M., C.R. A Methodology on

Modernization. Globalization. Culture and Education for the New Millennium. 11th World Congress of Comparative Education Society. (WCCES). Korea National University Of Education. South Korea. Chungbuk. 2001.

VASQUEZ M., C.R. A Methodology on Modernization. Globalization and Curriculum for the New Millennia. 11th World Congress of Comparative Education Society. (WCCES). Korea National University of Education. South Korea. Chungbuk. 2001.

VASQUEZ M., C.R. A Methodology on Modernization, Globalization and Worlds of Childhood for the New Millennia. 11th World Congress of Comparative Education Society. (WCCES). Korea National University of Education. South Korea. Chungbuk. 2001.

VASQUEZ M., C.R. A Methodology on Modernization. Development. Culture and Education for the New Millennium.. 48th Annual Conference of Comparative and International Education Society. (CIES). Brigham Young University. Salt Lake City. Utah. U.S.A. 2004.

VASQUEZ M., C.R. Deserción en los Centros de Educación a Distancia en Educación Superior. Cuarto Congreso Nacional y Tercero Internacional, Retos y Expectativas de la Universidad. Universidad Autónoma de Coahuila. ANUIES. Saltillo. Coahuila. México. 2004.

VASQUEZ M., C.R. A Methodology on Modernization, Globalization and Lifelong Learning for the New Millennia. 42nd International Conference. World Education Fellowship. Lifelong Learning. Gujarat Research Society. Mumbai. India. 2004.

VASQUEZ M., C.R. Deserción en Educación a Distancia en Educación Superior. Virtual Educa 2003. IV Conferencia Internacional sobre Educación. Formación y nuevas Tecnologías. Enfoque Iberoamericano, Perspectiva Global.

Miami. Florida. U.S.A. 2003.

VASQUEZ M., C.R. Modernization, Globalization. The 4th Comparative Education Society of Asia (CESA). Biennial Conference. Indonesia University of Education. Bandung. Indonesia. 2003.

VASQUEZ M., C.R. Impacto de los Centros de Educación a Distancia en el Pensamiento Pedagógico de los Docentes. VII Congreso Nacional de Investigación Educativa. Consejo Mexicano de Investigación Educativa (COMIE). Universidad de Guadalajara. Guadalajara. México. 2003.

VASQUEZ M., C.R. Modernization for the New Millennium. Port Tobacco. Maryland. U.S.A. 2003.

VASQUEZ M., C.R. Metodología del Desarrollo Sustentable. Congreso Internacional sobre el Desarrollo del Turismo Sustentable. Instituto Tecnológico de Cancún. Cancún. México. 2003.

VASQUEZ M.,C.R. Social Impact on Education, Community, Collaboration and Research on Distance Education. Qualitative Research. 15th Annual Ethnographic and Qualitative Research in Education (EQRE) Conference. Duquesne University. Pittsburgh, PA. U.S.A. 2003.

VASQUEZ M.,C.R. Social Impact on Education. 10th Inter-american Symposium on Ethnographic and Qualitative Research in Education. The University of New Mexico. Albuquerque. U.S.A. 2002.

VASQUEZ M.,C.R. Deserción en Educación. Seminario Nacional de Investigación en Educación a Distancia y Tecnologías para el Aprendizaje. Universidad Autónoma de Yucatán, Mérida. México. 2003.

VASQUEZ M.,C.R. Modernización, Am-

biente y Ocupación de Espacio Ambiental. Tercer Congreso Nacional y Segundo Internacional, Redes y Expectativas de la Universidad. Universidad Autónoma del Estado de México. México. 2002.

VASQUEZ M., C.R. Una Metodología en el Proceso de Enseñanza de la Derivada y su Motivación. XXXV Congreso Nacional de la Sociedad Matemática Mexicana. Universidad Juárez del Estado de Durango. Durango. México. 2002.

VASQUEZ M.,C.R. A Methodology in the Teaching Process of Calculus and its Motivation. International Congress of Mathematicians 2002. Beijing. China. 2002.

VASQUEZ M.,C.R. The Administration of Managers and their Assessment Centers. 6th Annual National Meeting and 1st International. Academia de Ciencias Administrativas (ACACIA). Politécnico Nacional. México D.F. 2002.

VASQUEZ M., C.R. A Methodology on Social Construction of Marginality and Globalization for New Millennia. 46th Annual Conference of the Comparative and International Education Society (CIES). University of Central Florida. Orlando. Florida. U.S.A. 2002.

VASQUEZ M.,C.R. Evaluación de los Costos en Educación a Distancia y Educación Presencial. XII Encuentro Internacional de Educación a Distancia en el Marco de la XVII Feria Internacional del Libro. Universidad de Guadalajara. Guadalajara. México. 2003.

VASQUEZ M.,C.R. Una Enseñanza de la Derivada. Primera Jornada de Enseñanza y Aprendizaje de las Matemáticas y la Física. Iteso. Tlaquepaque. Jalisco. México. 2003.

VASQUEZ M.,C.R. Impacto en la Educación. XI Encuentro Internacional de Educación a Distancia en el Marco de la XVI Feria Internacional del Libro. Universidad de Guadalajara. Guadalajara. México. 2002.

- VASQUEZ M., C.R. Deserción en Educación. XI Encuentro Práctico de Profesores Ele. International House Barcelona. Barcelona. España. 2002.
- VASQUEZ M.,C.R. Globalization and Lifelong. 2nd International Conference on Comparative Education in Teacher Training.. Sofia University. Bulgaria. 2003.
- VASQUEZ M.,C.R. Enseñanza de la Integral. XXXVI Congreso Nacional de la Sociedad Matemática Mexicana. Universidad Autónoma del Estado de Hidalgo. Pachuca. Hidalgo. 2003.
- VASQUEZ M., C.R. The Conservation on Educational Achievements Globally for the New Millennium. 47th Annual Conference of the Comparative and International Education Society (CIES). Michigan State University. New Orleans. Louisiana. U.S.A. 2003.
- VASQUEZ M., C.R. Deserción a Distancia. 7th Annual National Meeting and 2nd International. Academia de Ciencias Administrativas (ACACIA). Universidad Autónoma de Aguascalientes. Aguascalientes. México. 2003.
- VASQUEZ M., C.R. Pensamiento Pedagógico. Segundo Congreso Internacional de Educación Abierta y a Distancia. Centro de Investigación Científica y de Educación Superior de Ensenada (CICESE). Asociación Nacional de Universidades e Instituciones de Educación Superior (ANUIES). Universidad Autónoma de Baja California (UABC). 2002.
- VASQUEZ M., C.R. Proceso de Enseñanza. VI Congreso Estatal Y IV Regional de la Enseñanza de las Matemáticas. Guadalajara. México. 2003.
- VASQUEZ M., C.R. Investigación en la Educación. Segundo Congreso Nacional y Primero Internacional. Retos y Expectativas de la Universidad. Universidad de Guadalajara. Sep. Unesco. ANUIES. 2001.
- VASQUEZ M.,C.R. Práctica como Investigación. X Encuentro Internacional de Educación a Distancia en el Marco de la XV Feria Internacional del Libro. Universidad de Guadalajara. Guadalajara. México. 2001.
- VASQUEZ M., C.R. Enseñanza de Límites. XXXIV Congreso Nacional de la Sociedad Matemática Mexicana. Universidad Autónoma del Estado de México. Toluca. 2001.
- VASQUEZ M., C.R; GONZALEZ R., VM. The chromodynamic and the pedagogic landscape painting with applications in the mathematics popularization. Journal Rhochromatic Mathematics. Numer 01. Semestre 01. ISSN1900-8007.
- VASQUEZ M., C.R.; GONZALEZ R., VM. The headlands and the pedagogic landscape painting with applications in the mathematics popularization. Journal Rhochromatic Mathematics. Number 02. Semester 02. ISSN 1900-8007.
- VASQUEZ M., C.R. The perceptions and the pedagogic Landscape painting with applications in the mathematics popularization. Ed. Papiro U. de G. Pereira. Colombia. 2004.
- VASQUEZ M., C.R. The Learning and the pedagogic Landscape painting with applications in the mathematics popularization. Ed. Papiro. U. de G. Pereira. Colombia. 2004.
- VASQUEZ M., C.R The elements and the pedagogic landscape painting with applications in the mathematics popularization. Ed. Papiro. U. de G. Pereira. Colombia. 2004.
- VASQUEZ M., C.R.; GONZALEZ R., VM. The dimensions and the pedagogic landscape painting with applications in the mathematics popularization. Ed. Papiro U. de G. Pereira. Colombia. 2005.

-
- VASQUEZ M., C.R.; GONZALEZ R., VM. The firmaments and the Pedagogic landscape painting with applications in the mathematics popularization. Ed. Papiro. U. de G. Pereira. Colombia. 2005.
- VASQUEZ M., C.R.; GONZALEZ R., VM. The geography and the pedagogic landscape painting with applications in the mathematics popularization. Ed. Papiro. U. de G. Pereira. Colombia. 2005.
- VASQUEZ M., C.R; GONZALEZ R., VM. The apexes and the pedagogic landscape painting with applications in the mathematics popularization. Ed. Papiro. U. de G. Pereira. Colombia. 2005.
- VASQUEZ M., C.R; GONZALEZ R., VM. The abstractions and the pedagogic landscape painting with applications in the mathematics popularization. Ed. Papiro. U. of G. Pereira. Colombia. 2005.
- VASQUEZ M., C.R; GONZALEZ R., VM. The orography and the pedagogic landscape painting with applications in the mathematics popularization. Ed. Papiro. U. of G. Pereira. Colombia. 2005.
- VASQUEZ M., C.R; GONZALEZ R., VM. The experimental education and the pedagogic landscape painting with applications in the mathematics popularization. Ed. Papiro. U. of G. Pereira. Colombia. 2005.
- VASQUEZ M., C.R; GONZALEZ R., VM. The objects and the pedagogic landscape painting with applications in the mathematics popularization. Ed. Papiro. U. of G. Pereira. Colombia. 2005.
- VASQUEZ M., C.R; GONZALEZ R., VM. The experimental learning and the pedagogic landscape painting with applications in the mathematics popularization. Ed. Papiro U. of G. Pereira. Colombia. 2005.
- VASQUEZ M., C.R; GONZALEZ R., VM. The ecology and the pedagogic landscape painting with applications in the mathematics popularization. Ed. Papiro U. of G. Pereira. Colombia. 2005.
- VASQUEZ M., C.R; GONZALEZ R., VM. The coherent and the pedagogic landscape painting with applications in the mathematics popularization. Ed. Papiro U. of G. Pereira. Colombia. 2005.
- VASQUEZ M., C.R; GONZALEZ R., VM. The roads and the pedagogic landscape painting with applications in the mathematics popularization. Ed. Papiro U. of G. Pereira. Colombia. 2005.
- VASQUEZ M., C.R. Mathematics Teaching. Observations for an approach and rhochromatic. Ed. Papiro U. of G. Pereira. Colombia 2004.
- VASQUEZ M., C.R. The creative rhochromatics and the pedagogic landscape painting with applications in the mathematics popularization. Ed. Papiro U. of G. Pereira. Colombia. 2004.
- VASQUEZ M., C.R. The pedagogic of the landscape painting with applications in the mathematics popularization. Ed. Papiro U. of G. Pereira. Colombia. 2004.
- VASQUEZ M., C.R. The reality and the pedagogic landscape painting with applications in the mathematics popularization. Ed. Papiro U. of G. Pereira. Colombia. 2004.
- VASQUEZ M., C.R. The observation and the pedagogic landscape painting with applications in the mathematics popularization. Ed. Papiro U. of G. Pereira. Colombia. 2004.
- VASQUEZ M., C.R. The semiology and the pedagogic landscape painting with applications in the mathematics popularization. Ed. Papiro U. of G. Pereira. Colombia. 2004.
- VASQUEZ M., C.R. The predictable and the pedagogic landscape painting with applications in the mathematics popularization. Ed. Papiro U. of G.

Pereira. Colombia.2004.

VASQUEZ M., C.R. The creative landscape and the pedagogic painting with applications in the mathematics popularization. Ed. Papiro U.of G. Pereira. Colombia.2004.

VASQUEZ M., C.R. The colors and the pedagogic landscape painting with applications in the mathematics popularization. Ed. Papiro U.of G. Pereira. Colombia.2004.

VASQUEZ M., C.R et. al. Deserción en Educación a Distancia en Educación. Aprendizaje y Tecnología. Universidad de Guadalajara. 2005.

VASQUEZ M., C.R. The retrospective of the art of the pedagogic landscape painting with applications in the mathematics popularization. Ed. Papiro U.of G. Pereira. Colombia.2004.

VASQUEZ M., C.R; GONZALEZ R., VM. The visions and the pedagogic landscape painting with applications in the mathematics popularization. Ed. Papiro U.of G. Pereira. Colombia.2006.

VASQUEZ M., C.R; GONZALEZ R., VM. The rhetoric and the pedagogic landscape painting with applications in the mathematics popularization. Ed. Papiro U.of G. Pereira. Colombia.2006.

VASQUEZ M., C.R; GONZALEZ R., VM. The lives on the pedagogic landscape painting with applications in the mathematics popularization. Ed. Papiro U.of G. Pereira. Colombia.2006.

VASQUEZ M., C.R; GONZALEZ R., VM. The inventio (the identification of the places) and the pedagogic landscape painting with applications in the mathematics popularization. Ed. Papiro U.of G. Pereira. Colombia.2005.

VASQUEZ M., C.R; GONZALEZ R., VM. The sustainable and the pedagogic

landscape painting with applications in the mathematics popularization. Ed. Papiro U.of G. Pereira. Colombia.2006.

VASQUEZ M., C.R; GONZALEZ R., VM. The dominion and the pedagogic landscape painting with applications in the mathematics popularization. Ed. Papiro U.of G. Pereira. Colombia.2006.

VASQUEZ M., C.R; GONZALEZ R., VM. The creativity and the pedagogic landscape painting with applications in the mathematics popularization. Ed. Papiro U.of G. Pereira. Colombia.2006.

VASQUEZ M., C.R; GONZALEZ R., VM. The thoughts and the pedagogic landscape painting with applications in the mathematics popularization. Ed. Papiro U.of G. Pereira. Colombia.2006.

VASQUEZ M., C.R; GONZALEZ R., VM. The viable and the pedagogic landscape painting with applications in the mathematics popularization. Ed. Papiro U.of G. Pereira. Colombia.2006.

VASQUEZ M., C.R; GONZALEZ R., VM. The therapy and the pedagogic landscape painting with applications in the mathematics popularization. Ed. Papiro U.of G. Pereira. Colombia.2006.

VASQUEZ M., C.R; GONZALEZ R., VM. The ranks and the pedagogic landscape painting with applications in the mathematics popularization. Ed. Papiro U.of G. Pereira. Colombia.2006.

VASQUEZ M., C.R; GONZALEZ R., VM. An Education of the Mathematics. Observations for an interpretation and rhochrematic. Ed. Papiro U.of G. Pereira. Colombia.2006.

VASQUEZ M., C.R; GONZALEZ R., VM. The dispotio (organization by parts) and the pedagogic landscape painting with applications in the mathematics popularization. Ed. Papiro U.of G. Pereira. Colombia.2006.

-
- VASQUEZ M., C.R; GONZALEZ R., VM. Logos (rational coherence) and the pedagogic landscape painting with applications in the mathematics popularization. Journal Rhochromatic Mathématiques. Number 04. Semester 02. ISSN 1900-8007. 2006.
- VASQUEZ M., C.R; GONZALEZ R., VM. Ethos (the character of who produces it) and the pedagogic landscape painting with applications in the mathematics popularization. Journal Rhochromatic Mathématiques. Number 03. Semester 01. ISSN 1900-8007. 2006.
- VASQUEZ M., C.R. Non-Completion in Distance HE in Colombia. The Journal of the World Education Fellowship. New Era in Education. Volume 84. Number 2. ISSN 0028 50 48. 2003.
- VASQUEZ M., C.R. Una Metodología en el proceso de la enseñanza de las matemáticas y su motivación en la geografía física. Seminario Latinoamericano de Geografía Física. Puerto Vallarta, México. 2004.
- VASQUEZ M., C.R. Deserción en Educación. VIII congreso anual de la Academia de ciencias Administrativas. Con una visión internacional, impacto de los cambios estratégicos en el entorno y en las organizaciones. Acapulco, Guerrero, México. 2004
- VASQUEZ M., C.R. Deserción de los centros de Educación. Congreso Internacional. La pedagogía en los albores del siglo XXI: Retos y Perspectivas. Universidad Veracruzana. Xalapa. Veracruz, México. 2004.
- VASQUEZ M., C.R. A Methodology on modernization, development, culture and education for new millennium. XXI CESE conference (Comparative Education Society in Europe), the Danish University of Education, Copenhagen, Denmark, 2004.
- VASQUEZ M., C.R. A methodology in the teaching process of calculus and its motivation. 10th International Congress on Mathematical Education, Copenhagen, Denmark, 2004.
- VASQUEZ M., C.R. La evaluación de los costos universitarios. Universidad Eafit. Medellin. Colombia. 2004.
- VASQUEZ M., C.R. A methodology on modernization, development, culture and education for new millennium and comparative perspectives. International conference, making educational reform happen: learning from the Asian experience and comparative perspectives, Bangkok, Thailand, 2004.
- VASQUEZ M., C.R. A Methodology on modernization, education social justice, and worlds of childhood for new millennia. 2nd. national society for experiential education (NSEE), Icel, 33rd. Annual NSEE Conference and 9th Icel Conference, Miami, Florida, U.S.A.
- VASQUEZ M., C.R. Una metodología en el proceso del área. XXXVII Congreso Nacional de la Sociedad Matemática Mexicana, Ensenada, Baja California, México, 2004.
- VASQUEZ M., C.R. Una metodología en el proceso del área de integración. VII Congreso Estatal y V Regional de Enseñanza de las Matemáticas, Guadalajara, Jalisco, México, 2004.
- VASQUEZ M., C.R. A methodology on modernization, education, social justice and worlds of childhood for new millennium. 12th world Congress on Comparative Education, Havana, Cuba, 2004.
- VASQUEZ M., C.R. A methodology on modernization, education, social justice and lifelong learning for new millennium. 12th world congress on comparative education, Havana, Cuba, 2004.
- VASQUEZ M., C.R. Impact of distance

- education in the pedagogic thought of teachers. 12th world congress on comparative education, Havana, Cuba, 2004.
- VASQUEZ M., C.R. Desertion in distance education in higher education. 12th world congress on comparative education, Havana, Cuba, 2004.
- VASQUEZ M., C.R. The training of instructors for faculty members, modernity, education and experiential learning in the context of lifelong education. 3rd International Conference on comparative education in teacher training. Sofia. Bulgaria. 2005.
- VASQUEZ M., C.R. Los Medios de las redes del conocimiento en educación a distancia en educación superior XXV Congreso PRE ALAS. Centro Universitario de Ciencias Sociales y Humanidades. Universidad de Guadalajara, Guadalajara. México. 2005.
- VASQUEZ M., C.R. Evaluación de los Costos en Educación a Distancia y Educación Presencial. Primer Congreso Internacional. Aprender en Tecnologías. CAPTE Vallarta 2005, Centro Universitario de la Costa. Campus Puerto Vallarta. Universidad de Guadalajara. Puerto Vallarta, Jalisco, México. 2005.
- VASQUEZ M., C.R. La eficiencia de la administración y los medios de las redes del conocimiento en educación a distancia en educación superior. IX Congreso Anual de Investigación en Ciencias Administrativas. Las Relaciones Interculturales en las Organizaciones y la Gestión de las Diferencias. Academia de Ciencias Administrativas A.C. (ACACIA). Universidad Autónoma de Yucatán. Facultad de contaduría y Administración. Mérida. Yucatán. México. 2005.
- VASQUEZ M., C.R. La Educación a Distancia. Cátedra UNESCO en Ciencias de la Educación. Instituto Pedagógico Latinoamericano y Caribeño. (IPLAC). La Habana. Cuba. 2005.
- VASQUEZ M., C.R. Costos en Programas a Distancia y Presenciales bajo la técnica del Break-Even-Point. Universidad EAFIT. Medellín. Antioquia. Colombia. 2005.
- VASQUEZ M., C.R. El Impacto de los Costos. II Congreso Nacional y V Encuentro de Estudiantes y Académicos de Postgrado. Tecnológico de Monterrey. Monterrey. N. L. 2005.
- VASQUEZ M., C.R. Non-Completion in Distance Education in Higher Education. 3rd International Conference on Education and Information Systems, Technologies and Applications (EISTA 2005). Orlando. Florida. USA. 2005.
- VASQUEZ M., C.R. Evaluación de los Costos en Educación a Distancia y en Educación Presencial. 4a Conferencia Iberoamericana en Sistemas, Cibernética e Informática (CISCI 2005). 2005.
- VASQUEZ M., C.R. Más allá de la reforma en el Impacto de los Costos en Educación Superior a distancia y Presencial. 5º Congreso Nacional y 4to. Internacional Retos y Expectativas de la Universidad. Tampico. Tamaulipas. México. 2005.
- VASQUEZ M., C.R. Development of muslim students attitudinal scale: a methodology on modernization, learning and livelihood for new millennium and comparative perspectives. Comparative Education Society of Asia (CESA). University Kebangsaan Malaysia. Malaysia. 2005.
- VASQUEZ M., C.R. Impacto de los costos en educación superior Seminario del Instituto de Estudios sobre Aprendizaje (IDEA) Centro Universitario de la Costa de la Universidad de Guadalajara. Puerto Vallarta. Jalisco. México. 2005.
- VASQUEZ M., C.R. Más allá de la Reforma en el Impacto de la Deserción. Segundo

Congreso Internacional. Aprender con Tecnologías. CAPTE Vallarta 2005. Centro Universitario de la Costa, Campus Puerto Vallarta. Universidad de Guadalajara. Puerto Vallarta, Jalisco, México. 2005.

VASQUEZ M., C.R Taking Advantage of social distributed Learning: A multipurpose On-line Graduate Course. E-Learn 2005. World Conference on E-Learning in Corporate, Government, Healthcare and Higher Education. Victor M. González Romero, Rocío Preciado, María Morfin, Claudio Vásquez. E-Learn 2005. Vancouver B.C., Canadá. 2005.

VASQUEZ M., C.R. Non Completion in Distance Higher Education. E-Learn 2005. World conference on E-Learning in Corporate, government, Healthcare, and Higher Education. Vancouver BC, Canada.

VASQUEZ M., C.R. El impacto de la Educación a Distancia en el Pensamiento Pedagógico de los Docentes en el simposio: El uso de las tecnologías de la Información y la Comunicación en la Educación Superior: Temas Emergentes en la educación a Distancia. VIII Congreso Nacional de Investigación Educativa del Consejo Mexicano de Investigación Educativa, Universidad de Sonora, Ciudad de Hermosillo, Sonora, México. 2005.

VASQUEZ M., C.R. Nociones necesarias para el estudio de los límites. XXXVIII Congreso Nacional de la Sociedad Matemática Mexicana. Instituto Politécnico Nacional Unidad Adolfo López Mateos. Ciudad de México. D.F. 2005.

VASQUEZ M., C.R. Factores Críticos de Costos de Educación a Distancia y en Educación Presencial Universitarios. Claudio Rafael Vásquez Martínez, Víctor Manuel González Romero, María Morfin Otero. Tercer Foro de la Consulta Nacional Diagnóstico, Normatividad y Propuestas Legislativas para la

Educación Comisión de Educación Pública y Servicios Educativos. Gobierno de Jalisco. Guadalajara; México. 2005.

VASQUEZ M., C.R. Factores Críticos de costos de Educación a Distancia y en Educación Presencial Universitarios. Claudio Rafael Vásquez Martínez, Víctor Manuel González Romero, María Morfin Otero. Foro Nacional Financiamiento y Gestión. Anales U. de G. Guadalajara, México. 2005.

VASQUEZ M., C.R. «A Methodology on Understanding the Environment of Mathematics Classroom and Comparative Perspectives». The first International Symposium of Mathematics and its Connections to the Arts and Sciences. Macas I. The University of Education, Schwabisch Gmund, Germany. 2005.

VASQUEZ M., C.R. «A Methodology on Globalization, Learning and Market for New Millennium and Comparative Perspectives» Worldwide Forum for Comparative Education. Beijing Normal University, Beijing, People's Republic of China. 2005.

VASQUEZ M., C.R. Conferencia Magistral. «Metodologías de la Investigación en Docencia Universitaria». Escuela Superior de Administración Pública (ESAP). Desquebradas. Risaralda. Colombia. 2005

VASQUEZ M., C.R. «La Tutoría Académica hacia el Nuevo Milenio» VII Congreso de Tutoría Educativa. U. de G. Guadalajara, Jalisco 2005.

VASQUEZ M., C.R. «La Gestión y Evaluación de Costos en Educación a Distancia y Presencial a través de la Técnica «Break-even-point». Claudio Rafael Vásquez Martínez, Víctor Manuel González Romero, María Morfin Otero. XIV Encuentro Internacional de Educación a Distancia. Universidad de Guadalajara. Guadalajara. 2005.

- VASQUEZ M., C.R «Deserción en los Centros de Educación a Distancia mediada por la tecnología, dentro la Educación a Distancia en Colombia. Teledu 2005. XI Congreso Internacional sobre Educación Electrónica, Virtual y a Distancia. Cartagena de Indias. Colombia 2005.
- VASQUEZ M., C.R «A Methodology in the Teaching Process of Calculus and its Motivation. 10 th International Seminar of Mathematics Education on Creativity Development. Korea Society of Mathematics Education (KSME). Seoul. Korea. 2005.
- VASQUEZ M., C.R»A Methodology on Understanding the Environment of Mathematics Classroom and Comparative Perspectives. 10 th International Seminar of Mathematics Education on Creativity Development. Korea Society of Mathematics Education (KSME). Seoul. Korea. 2005.
- VASQUEZ M., C.R «A Methodology on Modernization, Learning and Livelihood for new millennium and comparative perspectives». Comparative and Internatinal Education Society (CIES). Stanford University. California. USA 2005.
- VASQUEZ M., C.R ET. AL. «Una Metodología sobre la Enseñanza de la Historia de Aportaciones Paradigmáticas en Educación a Distancia». Dr Claudio Rafael Vásquez Martínez, Mtra. María Morfin Otero. Primer Coloquio de enseñanza del Departametro de Historia del Centro Universitario de Ciencias Sociales y Humanidades. Guadalajara, México. 2005.
- VASQUEZ M., C.R «Non Completion in Distance Education in Higher Education». International Joint Conferences on Computer, Information and Systems Sciencies, and Engineering. International Conference on Systems, Commuting Sciencies and Software Engineering (SCSS 2005). International Conference on Engineering Education, Instructional Technology, Assessment, and E-Learning. (EIAE 2005). Institute of Electrical and Electronics Engineers (IEEE). University of Bridgeport. Bridgeport. Connecticut. U.S.A. 2005.
- VASQUEZ M., C.R. ET. AL. «Evaluación de los Costos en Educación a Distancia y Educación Presencial en Educación Universitaria». Dr. Claudio Rafael Vásquez Martínez, Dr Víctor Manuel González Romero, Mtra. María Morfin Otero. Duodécimo Congreso Internacional de Educación Electrónica, Virtual y a Distancia. TELEDUMED 2005. Medellín. Colombia 2005.
- VASQUEZ M., C.R Reper cussions in Teacher Training: Non-Completion in Distance Education in Higher Education. Comparative Education and Teacher Training. Volume 4. Bureau For Educational Services and Bulgarían Comparative Education Society. Sofia. Bulgaria. 2006.
- VASQUEZ M., C.R. Una Metodología en la inclusión/exclusión de los niños en la educación vitalicia para un nuevo milenio. XI Simposio Interamericano de Investigación Etnográfica en Educación. Universidad de Buenos Aires. Buenos Aires. Argentina 2006.
- VASQUEZ M., C.R et. al. Regionalización de los impactos de la Educación a Distancia en el Pensamiento Pedagógico de los Docentes. 6to. Congreso Internacional Retos y Expectativas de la Universidad «El Papel de la Universidad en la Transformación de la Sociedad». Benemérita Universidad Autónoma de Puebla. Puebla. México. 2006.
- VASQUEZ M., C.R. et. al. Regionalización de los impactos de la Educación a Distancia. X Congreso Anual de Investigación en Ciencias Administrativas. ACACIA. (Academia de Ciencias Administrativas A. C.) Universidad Autónoma de San Luis

-
- Potosí. San Luis Potosí. México 2006.
- VASQUEZ M., C.R. Impactos en el Pensamiento. Universidad de Puerto Rico. Recinto Piedra. 2005.
- VASQUEZ M., C.R. Impacto en el Pensamiento Pedagógico. Universidad Veracruzana. 2006.
- VASQUEZ M., C.R. Impacto de la Educación a Distancia. Primer Coloquio de Educación a Distancia. Universidad Nacional Autónoma de México. Facultad de Estudios Superiores Aragón. División del Sistema Universidad Abierta y Educación Continua. UNAM. México. 2006.
- VASQUEZ M., C.R. Educación a Distancia. Sistema de Educación Media Superior Escuela Preparatoria Regional de Tecolotlán. Universidad de Guadalajara. Tecolotlán. Jalisco. México. 2006.
- VASQUEZ M., C.R. Virtualidad en la Universidad. Universidad Tecnológica de Pereira. Pereira. Colombia 2006.
- VASQUEZ M., C.R. Deserción en la Universidad. Universidad Tecnológica de Pereira. Pereira. Colombia 2006.
- VASQUEZ M., C.R. Punto de Equilibrio en la Universidad. Universidad Tecnológica de Pereira. Pereira. Colombia. 2006.
- VASQUEZ M., C.R. Metodología de la Investigación y las tesis de Maestría. Universidad Tecnológica de Pereira. Pereira. Colombia 2006.
- VASQUEZ M., C.R. Deserción Universitaria. Universidad Libre. Pereira. Colombia. 2006.
- VASQUEZ M., C.R. La Pintura Rocremática. Casa de la Cultura. Belén de Umbria. Risaralda. Colombia. 2006.
- VASQUEZ M., C.R. Pensamiento Pedagógico. Foro Nacional sobre calidad de la Educación Superior. Asociación Nacional de Universidades e Instituciones de Educación Superior (ANUIES). Universidad Autónoma Metropolitana. (UAM). México. 2006.
- VASQUEZ M., C.R. Pensamiento Docente. III Congreso Internacional Aprender con Tecnologías. CAPTE. CUC-CUCEA. Universidad de Guadalajara. Puerto Vallarta. México. 2006.
- VASQUEZ M., C.R.; VALENCIA., A. Evaluación de los Impactos de la Educación a Distancia en el Pensamiento Pedagógico de los Docentes. Tercer Coloquio sobre Investigación en Cuerpos Académicos y Grupos de Investigación en Análisis Organizacional. Universidad Autónoma de Nayarit. Ciudad de Tepic. Nayarit. México. 2006.
- VASQUEZ M., C.R.; Pintura Educativa. Sistema de Educación Media Superior Escuela Preparatoria Regional de Tecolotlán. Universidad de Guadalajara. Tecolotlán. Jalisco. México. 2006.
- VASQUEZ M., C.R. La Visión Positiva, Proyecto de Vida y la Computación. Sistema de Educación Media Superior Escuela Preparatoria Regional de Tecolotlán. Universidad de Guadalajara. Tecolotlán. Jalisco. México. 2006.
- VASQUEZ M., C.R.; Impacto del Pensamiento Pedagógico en la Computación y su Metodología Investigativa. Sistema de Educación Media Superior Escuela Preparatoria Regional de Tecolotlán. Universidad de Guadalajara. Tecolotlán. Jalisco. México. 2006.
- VASQUEZ M., C.R. La Economía Política y la Cosmo-Economía. Sistema de Educación Media Superior Escuela Preparatoria Regional de Tecolotlán. Universidad de Guadalajara. Tecolotlán. Jalisco. México. 2006.
- VASQUEZ M., C.R. La Geografía Política,

- La Cosmología Política y la Ecopintura. Sistema de Educación de Educación Media Superior. Escuela Preparatoria Regional de Tecolotlán. Universidad de Guadalajara. Tecolotlán. Jalisco. México. 2006.
- VASQUEZ M., C.R. La metodología investigativa, la rocremática pedagógica y el pensamiento socrático. Sistema de Educación Media Superior. Escuela Preparatoria Regional de Tecolotlán. Universidad de Guadalajara. Tecolotlán. Jalisco. México. 2006.
- VASQUEZ M., C.R. Visión Positiva en la Ecopintura. Sistema de Educación de Educación Media Superior. Escuela Preparatoria Regional de Tecolotlán. Universidad de Guadalajara. Tecolotlán. Jalisco. México. 2006.
- VASQUEZ M., C. R. Redacción y Proyecto de Vida en la Ecopintura. Sistema de Educación Media Superior. Escuela Preparatoria Regional de Tecolotlán. Universidad de Guadalajara. Tecolotlán. Jalisco. México. 2006.
- VASQUEZ M., C. R. «El Taller de Pintura Educativa». Escuela Preparatoria Regional de Tecolotlán. Sistema de Educación Media Superior. Universidad de Guadalajara. Jalisco. México. 2006.
- VASQUEZ M., C. R. «La Educación a Distancia». Conferencia Internacional de Educación a Distancia. Consejo Internacional de Educación Abierta y a Distancia. Universidad de Puerto Rico. Recinto de Río Piedras. Puerto Rico. 2005.
- VASQUEZ M., C. R. «Pensamiento Pedagógico». Primer Coloquio de Educación a Distancia. Universidad Nacional Autónoma de México (UNAM) Facultad de Estudios Superiores Aragón. División del Sistema Universidad Abierta y Educación Continua. San Juan de Aragón. Estado de México. 2006.
- VASQUEZ M., C. R. «Impacto de la Educación» Foro Nacional sobre Calidad de la Educación Superior. Asociación Nacional de Universidades e Instituciones de Educación Superior (ANUIES). Universidad Autónoma Metropolitana. México. D. F. 2006.
- VASQUEZ M., C. R. «Impacto de la Educación a Distancia». Mesa de trabajo: Investigación y Desarrollo de Tecnologías para el Aprendizaje. Tercer Congreso Internacional Aprender con Tecnologías. Capte III: CUC-Universidad de Guadalajara. Puerto Vallarta. 2006.
- VASQUEZ M., C. R. «Regionalización de los Impactos». Mesa de Trabajo: Investigación y Desarrollo de Tecnologías para el Aprendizaje. Cuarto Congreso Internacional Aprender con Tecnologías. Capte IV. CUC-Universidad de Guadalajara. Puerto Vallarta. 2006.
- VASQUEZ M., C. R. «La Educación a Distancia en el Pensamiento Pedagógico». VII Congreso Internacional y X Nacional de Material Didáctico Innovador. Universidad Autónoma Metropolitana. México. D.F. 2006.
- VASQUEZ M., C. R. «Evaluación de los Impactos de la Educación a Distancia en el pensamiento pedagógico de los docentes», IX Congreso Internacional sobre Innovaciones en Ciencias Económicas Administrativas. Asociación de Profesores de Contaduría y Administración de México. A. C. Universidad Autónoma de Nayarit. Ciudad de Tepic. Nayarit. 2006.
- VASQUEZ M., C. R. «Deserción Académica». Corporación Universidad Libre Seccional Pereira. Pereira. 2006.
- VASQUEZ M., C. R. «Análisis en el Impacto del Pensamiento Docente». IV Congreso Internacional de Análisis Organizacional. Red Mexicana de Investigadores en Estudios

Organizacionales. Universidad Autónoma Metropolitana. Universidad Veracruzana. Ciudad Boca del Río. Veracruz. México. 2006.

VASQUEZ M., C. R.; GONZALEZ R., V. M.; MORFIN, M.: «Medición del Rendimiento de la Calidad en Educación a Distancia y Educación Superior en Educación Universitaria». XV Encuentro Internacional de Educación a Distancia. Universidad Guadalajara. Guadalajara. 2006.

VUORI, H. The Mandelbrot echoes: for symphony orchestra. Helsinki. Edition Love. 1998.

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SUMMARY

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Complementary development: Ph.D. Researcher of the Project P.N.U.D.-U.N.E.S.C.O. Professor Honoris Causes of Bamberg-GERMANY. Titular Researcher Professor .C. (maxim category). University Center from the Coast. Campus Puerto Vallarta. University of Guadalajara. Educator, University Administrator, Industrial

Engineering, Painter, Artist, Consultant, Advisory. He was born in Marinilla, Antioch, Colombia, May 221957: Naturalized Mexican December 111997: (Letter of Naturalization Not. 164/97). Graduate in Industrial Technological Sciences in the Colombian Polytechnic Institute Jaime Isaza Cadavid, 1980, Graduate in Industrial Technological Sciences in The University San Buenaventura, Medellin, Colombia, 1981; Industrial engineering, SEP, Mexico, 1998. Graduate degree in Mathematics, Continental Institute, Scranton, Pennsylvania, United States. Graduate degree in the University of EAFIT (School of Administration and Finances and Technologies), Medellin, Colombia, 1983; Graduate degree human resources, SEP, Mexico, 1998, identification 2715050 SEP, Industrial Engineering; Identification 2731010 SEP, Master in Education; identification 2851267 SEP, Doctorate certificate Doctorate 2851267 SEP Graduate degree in English in Linguaphone Institute, in London, England, 1984, Graduate degree in Systems, in Medellin, Colombia, 1985, Master in Sciences of the Education in the University of Antioch, Medellin, Colombia, 1985; Doctorate in Education in the UAG, Mexico, 1990: Graduate degree in Investigation, International Center Cambridge, England, 1995, Advisory in Administration, Production, Costs and Marketing in the Companies: Polymers and in Viamacol, in Bello, Antioch, Colombia 1982-1985; Researcher in the Department of Didactics of the UAG, 1988, Lecturer and Prof. Researcher in Methodology in the 5° World Congress of Preventive Orthodontics, Sao Paulo University, Brazil, 1995, Lecturer and Prof. Researcher in methodology in the 9° World Congress of Compared Education, University of Sydney, Australia, 1996; Professor Honoris Causes, in Methodology of the Research, Bamberg, Germany, 1998; Lecturer and Prof.

Researcher in methodology in The First Annual Conference of the Society of Compared Education of Asia, Waseda University, Japan, 1996; Registered in the «Who's Who in the World 1995-2003»; Advisory of the UNESCO 1985-1999; Lecturer and Prof. Researcher in methodology in the Sixth International Conference of Experiences of Learning, University of Tampere, Finland, 1998; Lecturer and Researcher Professor in Methodology, University of Cape Town, South Africa, 1998; Professor and Researcher in Methodology in Second Conference Yearly of the Society of Compared Education of Asia, Beijing, Normal Beijing University, China, 1998; Lecturer and Prof. University Researcher in Oxford, England, 1997; Lecturer and Prof. Researcher in Methodology in the 10° World Congress of Compared Education, University of Cape Town, South Africa, 1998; Lecturer and University Researcher in Oxford, England, 1997; Lecturer and Researcher in the 49° International Congress of Americanism, Quito, Ecuador, 1997. Professor and researcher in methodology in second conference yearly of the Society of compared education of Asia, Normal Beijing University, Beijing, China, 1998; Professor and researcher in methodology in 11th world congress of comparative education, Korea National in Cheongju, University of Education, Korea, 2001; Professor and researcher in methodology in the 4th comparative education Society of Asia biennial conference, Universitas Pendidikan Indonesia (UPI), Indonesia University of Education, Bandung, West Java, Indonesia, 2003; Professor and researcher in methodology in the Bulgarian Comparative Education Society (BCES) Annual International Conferences from the II BCES Conference 2003 through to the XIII BCES Conference 2015, Sofia, Bulgaria. Professor and researcher in methodology

in XIV World Congress of Comparative Education Societies (WCCES), Istanbul, Turquia, 2010. Professor and researcher in methodology in XV World Congress of Comparative Education Societies (WCCES), University of Buenos Aires, Buenos Aires, Argentina, 2013. Professor and Researcher in Methodology in World Education Fellowship, 44th International Conference, Korea, 2008. Professor and Researcher in Methodology in XIII World Congress of Comparative Education Societies (WCCES), Sarajevo, Bosnia-Herzegovina, 2007. Professor and Researcher in Methodology in 10th International Seminar of Mathematics Education on Creativity Development Korea Society of Mathematics Education (KSME), Seoul, Korea, 2005. Professor and Researcher in Methodology in 12th World Congress of Comparative Education Societies (WCCES), Havana, Cuba, 2004. Professor and Researcher in Methodology in International Conference, Making Educational Reform: Learning from the Asia Experience and Comparative Perspectives, Bangkok, Thailand, 2004. Professor and Researcher in Methodology in 42nd International Conference World Education fellowship, Gujarat Research Society, Khar, Mumbai, India, 2004. Professor and Researcher in Methodology in "Undécimo Encuentro Práctico de Profesores de Español como Lengua Extranjera, organizado por International House y Difusión", Barcelona, Spain, 2002. Professor and Researcher in Methodology in XXI CESE Conference (Comparative Education Society in Europe). The Danish University of Education. Copenhagen, Denmark, 2004. Professor and Researcher in Methodology in 10th International Congress on Mathematical Education, Copenhagen, Denmark, 2004. Professor and Researcher in Methodology in E-Learn-2005. World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education, Vancouver, BC,

Canadá. Professor and Researcher in Methodology in the First International Symposium of Mathematics and Its Connections to the Arts and Sciences. MACAS 1. The University of Education, Schwabisch Gmund, Germany, 2005. International Biography 1995- 1998»; 1989-1990; Prof. in Statistic, 1989-1990, United States of America, 1996- 1998; degree of nursing for Public Health, Registered in the «Dictionary of Grateful at world level among the five trumental nursing, 1989; Prof. of Education, in the Program of Graduate «Prof. of Biostatistic, 1989; Prof. of world for the Biographical Institute of Methodology of the Research, 1989- 1989-1990, Prof. in Methods of Research Prof. in Research of the Methodology, for Surgery, 1989-1990, Prof. in of Cambridge, England, 1995-1996-1998; Program of Graduate degree in nursing Professor from the UAG-MEXICO: thousand (5.000) personalities of the Investigator of the International Center Methodology of the Research in the the Program of Graduate degree in Ins-1990; Prof. of History and Philosophy in the Program of Graduate degree of Pediatric nursing, 1989-1990; Prof. in Methodology of the Research in the Program of Graduate degree of nursing of Intensive Care, 1989-1990; Prof. of Communication and Leadership in the Program of Master in Administration, 1990; Prof. of Organizational Behavior in the Program of Master in Administration, 1991; Prof. of Evaluation in Projects of Investment, 1991; Prof. of Administration of Production, 1991; Prof. Advisory of Thesis in the School of Electric Mechanical Engineering, 1988-1998; Prof. of Analysis of Markets and Research in the School of Business, 1993; Prof. in Methodology of the Research in the Program of Graduate degree in Endodontics, in the School of Dentistry, 1988-1994; Prof. in Biostatistics, 1988-1995; Prof. in the Seminar of Scientific

Research I, II and III, 1988- 1995; Prof. in Planning in the School of Electric and Industrial Mechanical Engineering, 1990; Prof. of Systems Engineering, 1989; Prof. of Introduction to The Engineering, 1989; Prof. Analysis and Design Administrative Systems, 1989; Prof. in Technical of Economic Evaluation, 1989; Prof. of Analysis and Design Productive Systems, 1989; Prof. of Administration of Production in the School of Administration, 1990-1991; Prof. in the Seminar of Investigation, 1990; Prof. in the degree Seminar, 1990; Prof. in Methodology in Social Sciences, in the School of Economy, 1989; Prof. in Library Researcher Seminar in the Institute of Humanities, 1989; Prof. in Research of Operations, in the School of Administration, 1991; Prof. in Methodology of the Pedagogic Research, in the School of Pedagogy, 1990; Prof. in Methods of Aids for the Community, 1989-1990; Prof. of Statistical in the Schools: of Economy, Accounting and of Administration, 1990; Prof. of Introduction to the Engineering and of Systems of Engineering in Computational Engineering School, 1988-1989; Prof. of Statistic in Technical Economic Evaluation, 1988-1989; Prof. in educational Organization in the School of Pedagogy, 1989; Prof. in Pedagogic Research, in the School of Pedagogy, 1996; Prof. of the Seminar in Research, in the School of Pedagogy, The pedagogy of the landscape painting with applications in the mathematics popularization 1996; Prof. Supervisor inmeasures and instruments of precision in Computational Engineering School, 1996; Prof. of Social Investigation, in the School of Communications, 1995-1997; Prof. of Analysis of Market in the School of Business, 1993; Prof. of Methodology of the Research in the School of Architecture, Design of Interiors and Landscape, 1996-1997; Computer science, 1996, Administration, 1997, International Careers, 1997; Accounting, 1997.

International finances, 1997, International Trade, 1997; International marketing, 1997; Prof. Models of Quality, 1996-1998; Prof. Methodology of the Research in Architecture, Industrial Design, Graphic Design, Interiors Design and landscape, 1996-1998; Prof. Social Research of the Communication, 1996-1998. Prof. In Educational Planning, 1989-1990; Prof. In Organizational Behavior, 1990; Prof. In Education and Evaluation of Projects, 1991; Prof. in Administration of the Production, 1990-1991; Prof. Creativity and Everyday Life 1990; Prof. Didactics of Mathematics, 1988-1990; Prof. Research of Analysis of Markets, 1993; Prof. Planning, 1990; Prof. In Engineering of Systems, 1988-1989; Prof. Introduction of Engineering, 1988-1989; Prof. Technical of Economic evaluation, 1988-1989; Prof. Analysis and Design of Administrative Systems, 1988-1989; Prof. Biostatistic, 1989-1990; Prof. Methods of Research, 1988-1998; Prof. History and Philosophy of the Education, 1989; Prof. Statistic 1989-1991; Prof. Seminar of Degree, 1990-1998; Prof. Design of Productive Systems, 1989; Prof. Seminars of Research, 1988-1998; Prof. Methods in Social Sciences, 1989; Prof. Seminar of Library Research, 1989; Prof. Research of Operations, 1990-2000; Prof. Introduction to the Pedagogic Research, 1990-1997; Prof. Aids Communications, 1989-1990; Prof. Educational organization, 1989; Prof. Social Research, 1995-1998; Prof. Models of Quality, 1995-1998; Prof. Educational administration, 1989-1990; Prof. Social Research, 1995-1998; Prof. Educational Research, 1996; Researcher DAPA-UAG, 1995-1999; Professor from the University of Guadalajara CUC: Prof. of Differential Equations 2006; Prof. Electromagnetism theory 2001-2006, Prof. Architecture History and Town Planning 2001-2006; Prof. Introduction

to experimental methodology 2001-2006; Prof. Thermodynamic phenomenon 2002-2006; Prof. Transit engineering 2002-2006; Prof. Soil Mechanis II 2004; Prof. Multivariable analysis 2005-2006; Prof. Colour Theory 2005-2006; Prof. Building 2004-2006; Prof. Town planning design 2006; Prof. Watercolour 2004-2006; Prof. Complex Variables 2005-2006; Prof. Distance Learning Theory and Practitce 2006; Prof. Projects 2004; Prof. Mexican Architecture 2006; Prof. Technical drawing 2004; Prof. Chemistry 2003; Prof. Theory and Educative epistemology 2001-2004; Prof. Educative painting and creative rhochromatic 2001-2006; Prof. geometry 2004; Prof. Numerical analysis 2003-2005; Prof. diferencial calculus and integral calculus 2001-2004; Prof. Tenured Professor C (maxim category) 2004-2006; Prof. Sch. Telematic energy 2001-2006; Prof. sch. architecture 2001-2006; Prof. sch Civil engineering 2001-2006; Prof. Sch. education 2001-2006; Prof. net center, pereira 2000-2001; Prof. Research methods coltepunto, Rionegro, 1979; Prof. Research methods Riotex, Rionegro, 1979; Prof. research methods SENA, Medellín, 1981; Prof. research methods ASSTI, Medellín, 1980-1982; Prof. research Methods Pinturales, Medellín, 1981; Prof. research methods Fallo, M1981; Prof. research methods Viamacol, Medellín, 1982-1983; Prof. of introduction to experimental methodology, 2001-2003; Prof. of Soil Mechanics II, 2001-2002; Prof. of Evaluation of Projects, 2003; Prof. of Transit engineering, 2002-2003; Prof. of Thermodynamic Phenomenon, 2002; Prof. Differential Calculus and Integral Calculus, 2001-2002; Prof. of Electromagnetism Theory, 2002-2002; Prof. of Architecture History and Town Planning, 2001-2002; Prof. of Theory and Educative Epistemology, 2001-2002; Prof. of Research and Develop I, 2002; Prof. of Educative Painting and Creative Rhochromatics, 2001-2002; Prof. Advisory of Thesis in Postgraduate, 2001-2002;

Consultant in Administration, Costs, Numismatic, Production, Reengineering, Philately, LepidopteroLOGY, Rionegro, 1983-1996; Consultant in Epistemology, Rhochrematics, Guadalajara, 1983-1996; Consultant in investigator's fields in the National Service of Learning, Medellin, Colombia, 1981; in the Superior Academy of Industrial Technical Services, 1980-1996; in the Modern Institute of Education, 1982-1985; Advisory in the Center of Educational Research, University of Antioch 1983-1986. Adviser in Research in the University San Buenaventura, 1985-1987; Advisory of the UNESCO, 1983-1999; Advisory in Planning and Development, in the Company of Reforestation, The Floresta, Rionegro, Antioch, Colombia, 1980-1984; Advisory in Marketing and Administration in the Companies: Dometal, 1986, Riotex, 1979, Coltepunto, 1979, Company of Packings, CORP, 1982, in Medellin, Colombia. Advisory in Production and Costs in House of Kings, Furniture of Style and Decoration, 1980-1981, Medellin, Colombia. Assistant of Production in Dimadera, Design and Decoration, 1981-1984; Medellin, Colombia. Director in the CREAD, Technological Institute Pascual Bravo, Rionegro, Colombia, 1985-1986: Prof. of basic mathematics in the School of Mechanical and Electric Engineering, Colombia, 1985: Administrative adviser in the Modern Institute of Education, Medellin, Colombia 1984-1987; Prof. in Administrative Techniques in the School of Public Administration, ESAP; Medellin, Colombia, 1986: Prof. in General Accounting, ESAP, 1986, Prof. in Ecology in Civil Engineering, in the School of Engineering of Antioch, Colombia, 1987; Prof. in the Methodology of the Research in the School of Industrial Technology Jaime

Isaza Cadavid, Institute Colombian Polytechnic, Rionegro, 1986-1987; Prof. of Practical Industrial, Coordinator of Practical Industrial, Colombia, 1986-1987; Prof. of Methodology of the Research in the School of Civil Constructions 1987; Prof. of Practical in the Colegio Montessori, Medellin, Colombia, 1982. Author of: "Quality and Social Impact", 1986; "The Open Education", 1986; "Computers in Education: Their Teaching, Research and Languages" 1992; "Methodology of Incidence of Malocclusions in 3 to 5 year old Pre-School Children", 1994; "Methodology of Incidence of Cavities Related to the Bacterial Plaque in 3 to 5 year old Pre-School Children", 1994, "Methodology of Oral Habits in 3 to 5 year old Pre-School Children and its Consequences in Primary and Dentition", 1994; "Methodology of the of Baby Bottle Syndrome in 3 to 5 year old Pre-School patients", 1994; "Methodology of Predictive Analysis of Moyers Space in the Arches of Subjects during Mixed Dentition", 1991, among other works. He is also author of numerous Articles it has more than enough Research and Education in the areas of Methodology of the Research, Statistic, Quality, Prospective, Rhochrematics Planning Strategic, Costs, Educational Systems and the Mathematics Pedagogy. Individual exhibitor of paintings in oil and watercolor, among those that are included: "Other Parts of the Universe", New York, United States, 1995; "Mountains and tree", Phoenix, Arizona, United States, 1994; "Hoist", Boston, Massachusetts, United States, 1990; "Canyon", Salt Lake City, Utah, United States, 1989; "ThreeMountains", Seattle, Washington, United States, 1993; "Lake and Mountains", Sidney, Australia, 1994; "Mountains and Cypressess", Copenhagen, Denmark, 1994; "Beach", Long Beach, California, United States, 1995; "Volcano", Purace, Cauca, Colombia, 1990; "Peninsula", Honolulu, Hawaii, United

States, 1994; "Cypress", Cambridge, England, 1992; "Shadow of the tree", Sao Paulo, Brazil, 1995; "Moon and Venus", Guadalajara, Jalisco, Mexico; "Eucalyptus", Sydney, Australia, 1990; "Five Trees", Johannesburg, South Africa, 1992; "Two Trees", Tokyo, Japan, 1988; "Hudson River", New York, United States, 1991; "Many Pine Trees", Augusta, Maine, United States, 1991; "Several Trees", Washington, D.C., United States 1992; "Several Mountains", Denver, Colorado, United States, 1988; "To Start the Day with the Sun", Charlottesville, North Carolina, United States, 1990; "Volcano and Peak", Purace, Cauca, Colombia, 1990; "The Beginning of the Day with Cyresses", Spokane, Washington, United States, 1989; "Mountains with clouds", Cheyenne, Wyoming, USA, 1988 "To Happen in the late Afternoon in the Beach" Miami, Florida, United States, 1989; "Part of the universe", Boston, Massachusetts, United States, 1989; "Lake and Trees", Duluth, Minnesota, United States, 1989; "To Start the Day with Trees", Scranton, Pennsylvania, United States, 1988; "Five Mountains", Knoxville, United States, 1988; "Volcano and Clouds", Purace, Cauca, Colombia, 1994; "Mountains and Clouds", Lincoln, Nebraska, United States, 1994; "The Beginning of the Day and Clouds", Birmingham, Alabama, United States, 1993; "Three Pine Trees", Rochester, New York, United States, 1992; "The Desert", Tucson, Arizona, United States, 1990; "Volcano and Mountain", Purace, Cauca, Colombia, 1991; "To Start the Day and, Trees", Hartford, Connecticut, United States, 1988; "Desert and Clouds", Tucson, Arizona, United States, 1988; "Moon and Cyresses", Guadalajara, Jalisco, Mexico, 1989; "To Start the Day and Clouds" Miami, Florida, United States, 1988; "Lake and Moon", Chapala, Jalisco, Mexico, 1990; "Mountains and Lake", Denver, Colorado,

United States, 1995; "Volcano and Brimstone", Purace, Cauca, Colombia, 1991; "To Happen in the late afternoon and Sea", West Palm Reach, Florida, United States, 1994; "Volcano and Clouds", Purace, Cauca, Colombia, 1992; "Lake, Moon and Trees", Chapala, Jalisco, Mexico, 1993; "Mountain and Gases", Tacoma, Washington, United States, 1993; "Volcano and Gases", Purace, Cauca, Colombia, 1994; "Desert and Shadow", Tucson, Arizona, USA, 1995, "Desert and Gases", Tucson, Arizona, USA, 1991, "Volcano and Trees", Purace, Cauca, Colombia, 1990, "Everest mount", Nepal, 1988; "Pine Trees, Lake and Mountains", Denver, Colorado, United States, 1989; "Mountains and Moon", Guadalajara, Jalisco, Mexico, 1989; "To happen in the Late Afternoon and Sea", St. Petersburg, Florida, United States, 1995; "Desert and Heat", Tucson, Arizona, United States, 1991; "Lake, Moon and Clouds", Chapala, Jalisco, Mexico, 1988; "The Beginning the Day, Gases and Trees", New York, United States, 1992; "The Beginning of the Day, Clouds and Trees", New York, United States, 1989; "Lake and Vegetables", Denver, Colorado, United States, 1988; "Sea and Mountains", Vancouver, Canada, 1989; "Sea and Gases", Eureka, California, United States, 1990; "Shadows and Desert", Tucson, Arizona, United States, 1993; "To Start the Day and thunderstorm clouds", New Haven, Connecticut, United States, 1992; "Lake, Thunderstorm and clouds and Moon" Chapala, Jalisco, Mexico, 1994; "To Happen in the Late Afternoon and Beach", Galveston, Texas, United States, 1991; "Mount Everest", Nepal, 1998; "Pines, Lake and Mountains", Denver, Colorado, United States, 1989; "Mountains and Moon", Guadalajara, Jalisco, Mexico, 1989; "To Happen in the Late Afternoon and Sea", St. Petersburg, Florida, United States, 1995; "Deserted Heat", Tucson, Arizona, United States, 1991; "Lake, Moon and Clouds", Chapala, Jalisco, Mexico,

1988; "To Start the Day, Gases and Trees", New York, United States, 1992; "The Beginning of the Day, Clouds and Trees", New York, United States, 1989; "Lakes and Vegetables", Denver, Colorado, United States, 1988; "Sea and Mountains", Vancouver, Canada, 1989; "Sea and Gases", Eureka, California, United States, 1990; "Shadows and Desert", Tucson, Arizona, United States, 1993; "To Start the Day and thunderstorm Clouds", New Haven, Connecticut, United States, 1992; "Lake, thunderstorm and clouds and Moon", Chapala, Jalisco, Mexico, 1994; "To Happen in the Late Afternoon and Beach", Galveston, Texas, United States, 1991, among others. Author:

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