



CERTIFICATE

celebrating Clovis Gonzaga's 70th birthday

X Brazilian Workshop on Continuous Optimization

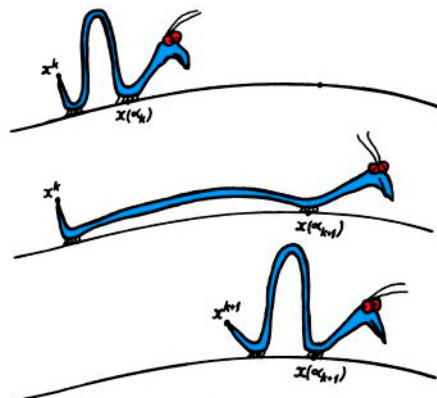
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Abel Soares Siqueira, IMECC**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: “**Dynamic Control of Infeasibility for Nonlinear Programming**”.

Florianópolis, March 21, 2014.

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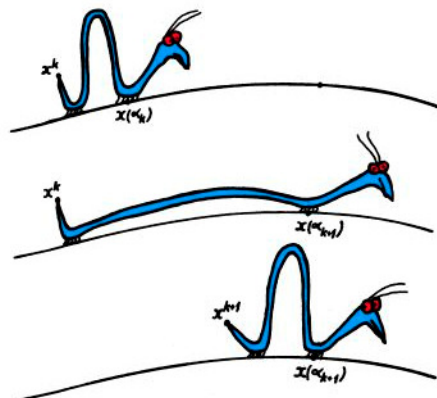
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Ademir Alves Ribeiro**, **Universidade Federal do Paraná**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: “**Theoretical aspects of adopting exact penalty elements within sequential methods for nonlinear programming**”.

Florianópolis, March 21, 2014.

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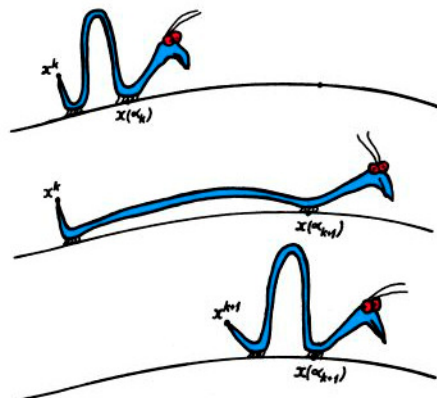
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Adriano Verdério**, **Universidade Federal de Santa Catarina**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: “**A trust-region method with models based in support vector machines regression**”.

Florianópolis, March 21, 2014.

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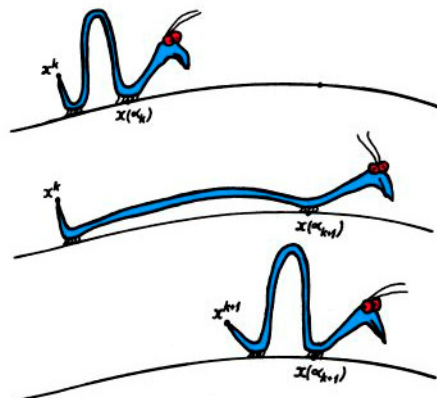
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Alfredo Iusem**, Instituto de Matemática Pura e Aplicada, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: “**Order preserving and order reversing operators on the class of convex functions in Banach spaces**”.

Florianópolis, March 21, 2014.

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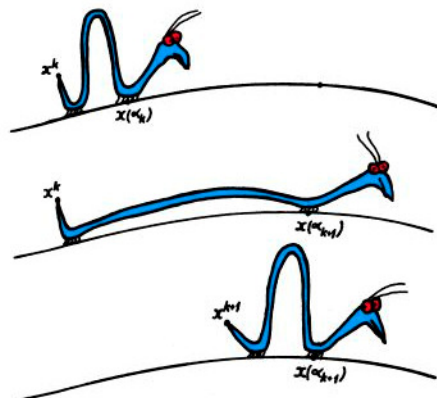
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Antonio Frangioni, Università di Pisa**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: **“Reformulations for Mixed-Integer Nonlinear Programs: a surprisingly simple one with surprisingly good results in a few different applications”**.

Florianópolis, March 21, 2014.

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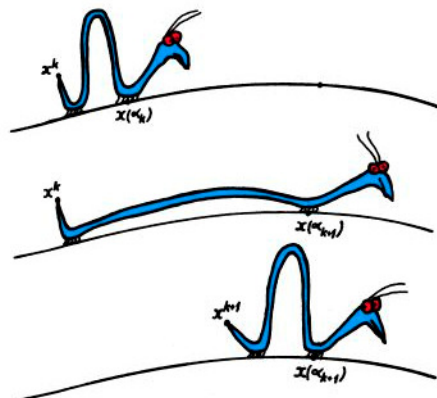
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Benar Fux Svaiter, Instituto de Matemática Pura e Aplicada**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: “**A survey on Descent Method in Multiobjective Optimization**”

Florianópolis, March 21, 2014.

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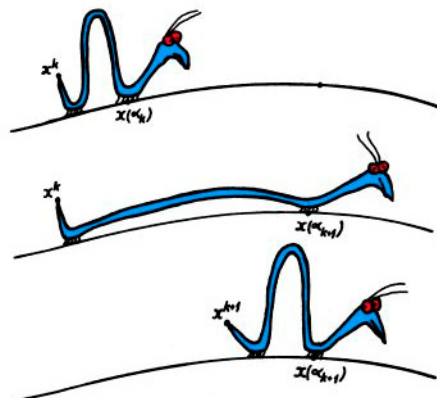
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Bruno Figueira Lourenço, Tokyo Institute of Technology**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: “**Weak Infeasibility in Semidefinite Programming**”.

Florianópolis, March 21, 2014.

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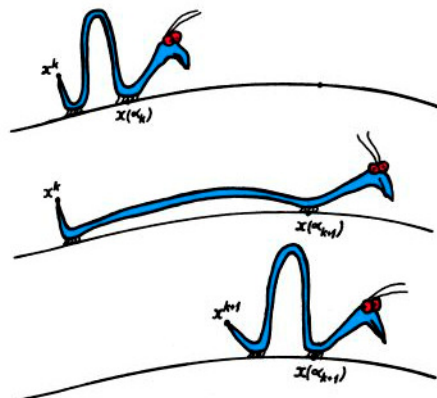
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Claudia Sagastizábal**, **Instituto de Matematica Pura e Aplicada**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: “**Structured Nonsmooth Optimization for Problems Arising in the Finance and Energy sectors**”.

Florianópolis, March 21, 2014.

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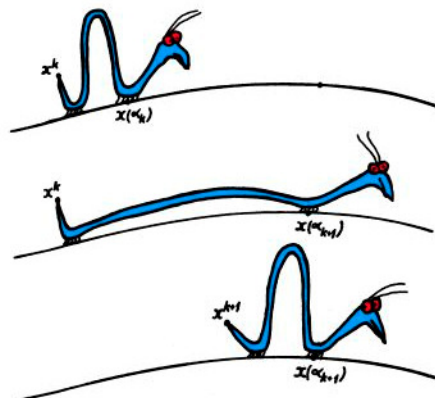
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, ***Cristina Vilma Turner***, **Universidade Nacional de Cordoba - Famaf**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: “**Adjoint method for a tumor invasion PDE-constrained optimization problem**”.

Florianópolis, March 21, 2014.

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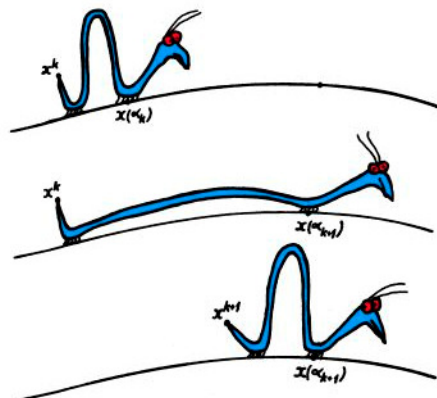
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Damián Fernández, Universidad Nacional de Córdoba**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: “**Some properties of the CPLD constraint qualification**”.

Florianópolis, March 21, 2014.

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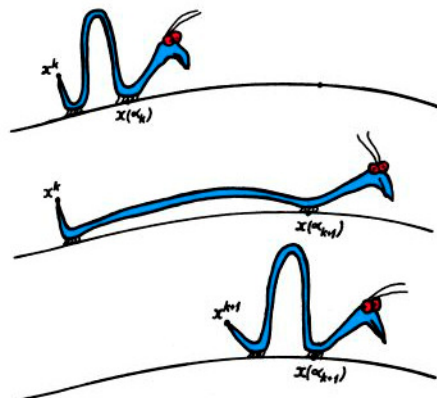
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Daniel Reem**, **Inst. de Ciências Matemáticas e de Computação**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: **“Zero-Convex Functions, Perturbation Resilience, and Subgradient Projections for Feasibility-Seeking Methods”**.

Florianópolis, March 21, 2014.

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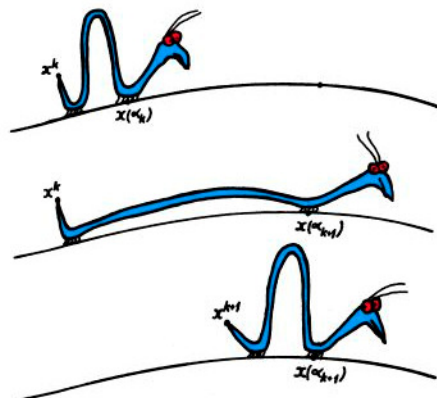
X Brazilian Workshop on Continuous Optimization

Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, ***Erlon Cristian Finardi***, **Universidade Federal de Santa Catarina**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: “**Assessing numerical performance of some nonsmooth optimization methods in solving thermal unit-commitment problems**”.

Florianópolis, March 21, 2014.



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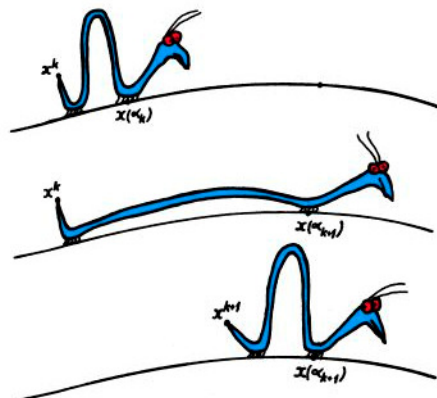
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, ***Esdras Penêdo de Carvalho***, **Universidade Estadual de Maringá**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: “**Fitting Supercritical Fluid Extraction Models by means of a Derivative-free Software**”.

Florianópolis, March 21, 2014.

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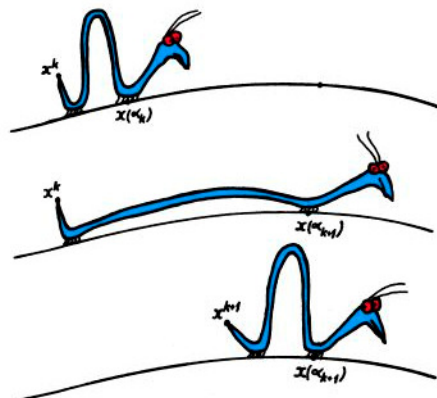
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Flavia Morgana de Oliveira Jacinto**, **Universidade Federal do Amazonas**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: **“Some conditions for maximal monotonicity of bifunctions”**.

Florianópolis, March 21, 2014.

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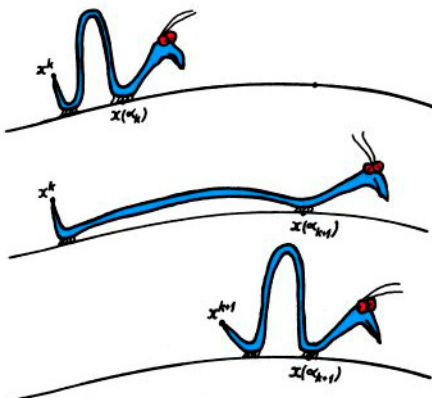
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Gabriel Haeser**, **Universidade Federal de São Paulo**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: “**A Flexible Inexact Restoration Method and Application to Multiobjective Constrained Optimization**”.

Florianópolis, March 21, 2014.

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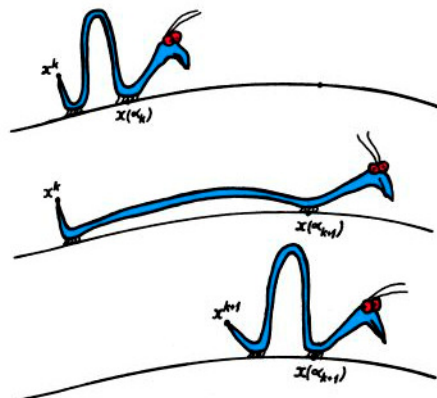
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Geovani Nunes Grapiglia**, **Universidade Federal do Paraná**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: “**A Subspace Version of the ARC Algorithm for Unconstrained Optimization**”.

Florianópolis, March 21, 2014.

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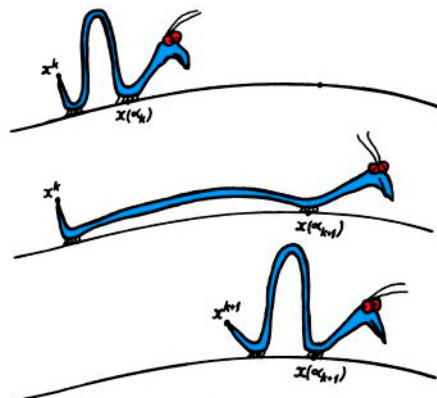
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Graciela Sottosanto**, **Universidad Nacional del Comahue**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: “**On the Saddle Point Problem for Differentiable Multiobjective Optimization and Generalized Notions of Convexity**”.

Florianópolis, March 21, 2014.

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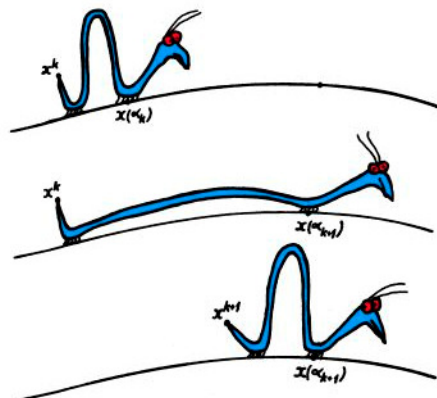
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Hugo Scolnik**, **Universidad de Buenos Aires**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: “**Improving robustness of the L-BFGS for Large Scale Nonlinear Optimization**”.

Florianópolis, March 21, 2014.

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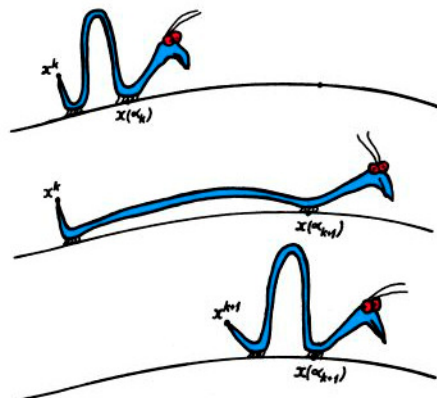
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Jan-J. Ruckmann, University of Bergen**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: **“Max-Type Objective Functions: A Smooth Procedure and Strongly Stable Stationary Points”**.

Florianópolis, March 21, 2014.

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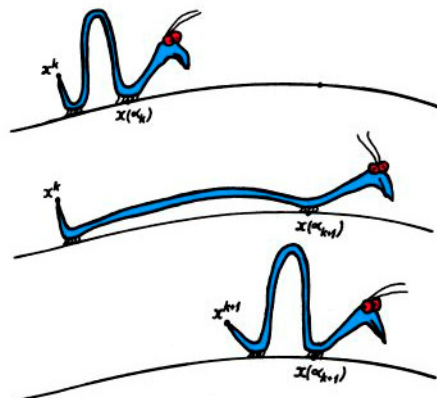
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Jefferson Divino Goncalves de Melo, Universidade Federal de Goiás**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: “**Some Results About a Modified Subgradient Algorithm**”.

Florianópolis, March 21, 2014.

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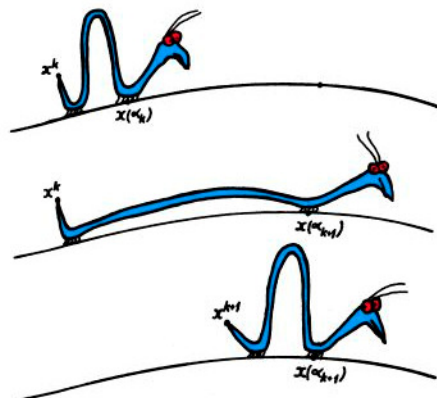
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **João Xavier da Cruz Neto**, **Universidade Federal do Piauí**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: **“A proximal point method with generalized distances for a class of bilevel equilibrium problems”**.

Florianópolis, March 21, 2014.

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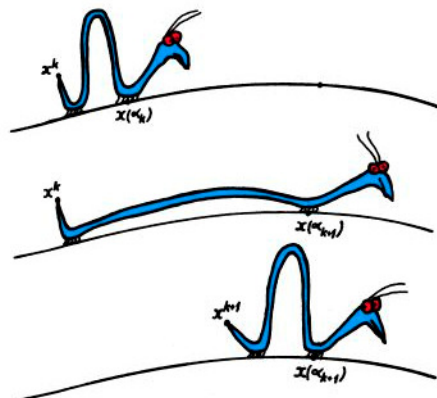
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Joaquim João Júdice, Univ. de Coimbra**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: “**On the Quadratic Eigenvalue Complementarity Problem**”.

Florianópolis, March 21, 2014.

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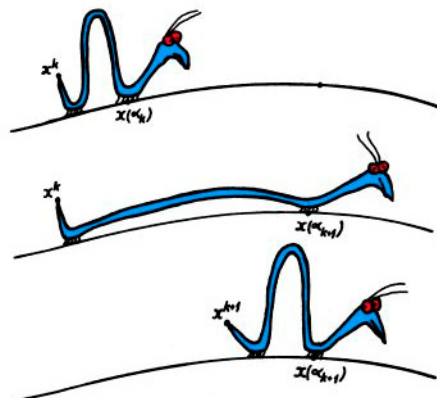
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **John Lenon Cardoso Gardenghi**, Instituto de Matemática e Estatística, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: **“Interior-point line search methods for linearly constrained optimization”**.

Florianópolis, March 21, 2014.

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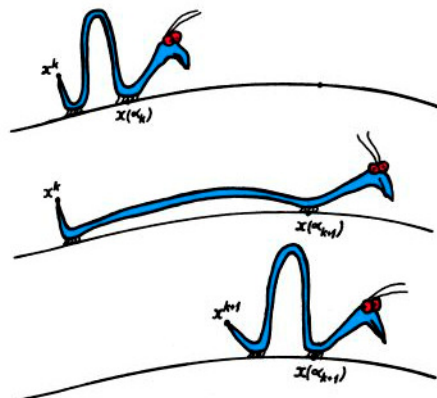
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Jonathan Eckstein, Rutgers University**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: “**Multilevel optimization modeling for stochastic programming with coherent risk measures**”.

Florianópolis, March 21, 2014.

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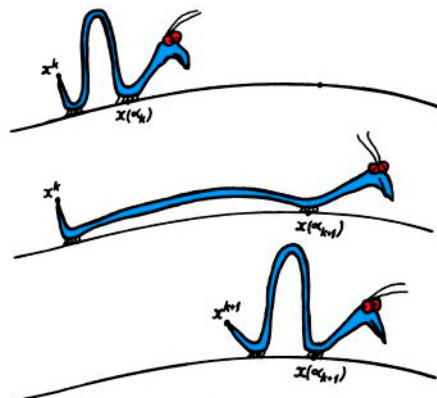
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Jorge Amaya, Centro de Modelamiento Matematico, Univ. de Chile**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: **“The Mine Planning Problem: from the Discrete to the Continuous Framework”**.

Florianópolis, March 21, 2014.

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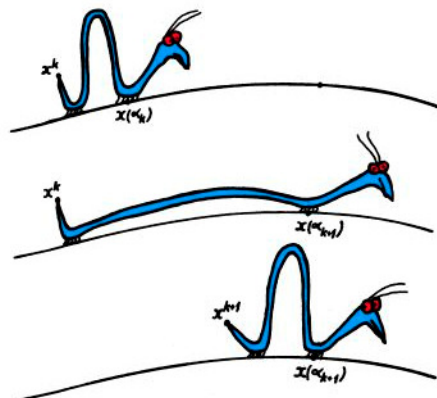
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Jose Alberto Ramos Flor, Instituto de Matemática e Estatística**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: “**Constraint qualifications and approximate-KKT sequences**”.

Florianópolis, March 21, 2014.

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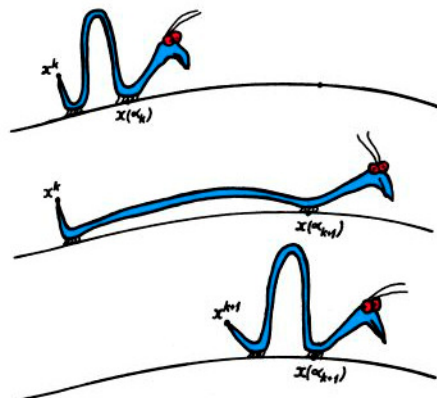
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Juan Pablo Cajahuanca Luna, IMPA - Pós-Doutorando**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: “**An Approximation Scheme for a Class of Generalized Nash Equilibrium Problems with Risk Aversion**”.

Florianópolis, March 21, 2014.

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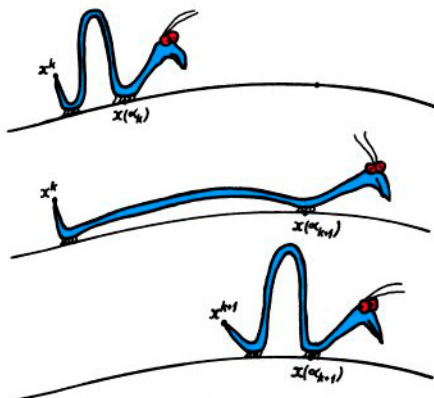
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Justina Gianatti, Universidad Nacional de Rosario**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: **“Solving a min-max control problem via an associated discrete problem.”**.

Florianópolis, March 21, 2014.

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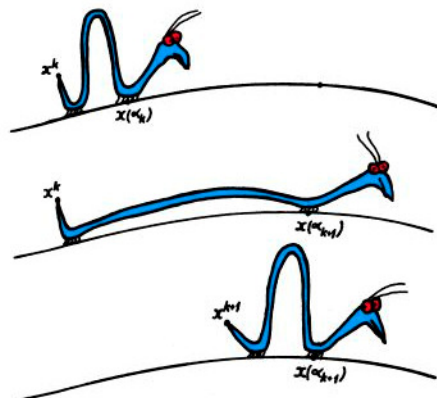
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Katya Scheinberg, Lehigh University**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: **“Practical Inexact Proximal Quasi-Newton Method with Global Complexity Analysis”**.

Florianópolis, March 21, 2014.

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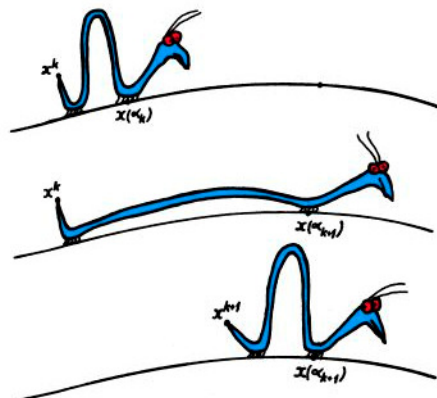
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Kurt Anstreicher, University of Iowa**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: **“An Approach to the Dodecahedral Conjecture Based on Bounds for Spherical Codes”**.

Florianópolis, March 21, 2014.

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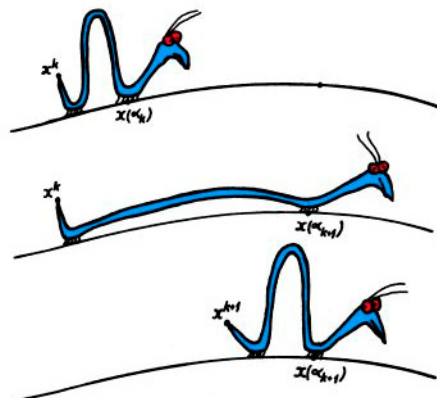
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Lucas Eduardo Azevedo Simões, IMECC**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: “**On the Nonmonotone Line Search in Gradient Sampling Methods for Nonconvex and Nonsmooth Optimization**”.

Florianópolis, March 21, 2014.

Elizabeth Wegner Karas
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X Brazilian Workshop on Continuous Optimization

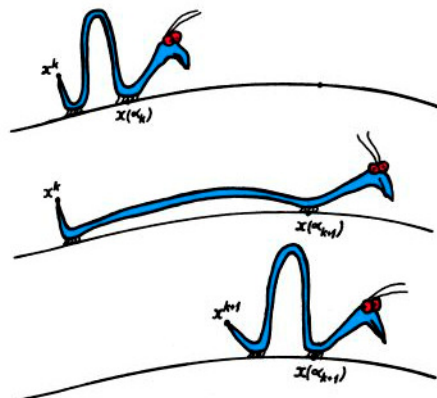
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Lucas Garcia Pedroso**, **Universidade Federal do Paraná**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: “**Derivative-free trust-region algorithms for constrained minimization**”.

Florianópolis, March 21, 2014.

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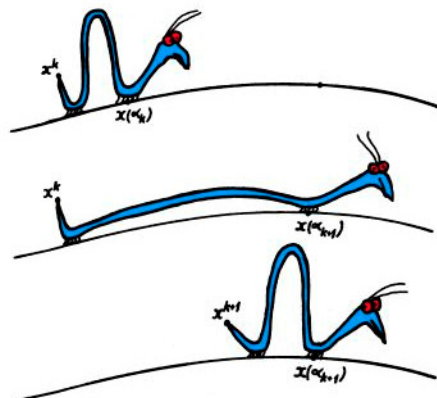
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, ***Luis Felipe Cesar da Rocha Bueno***, **Universidade Federal de São Paulo**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work:
“An affordable general-purpose Inexact Restoration method”.

Florianópolis, March 21, 2014.

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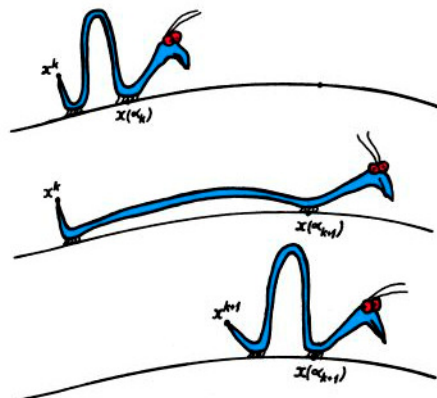
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Luis Mauricio Graña Drummond**, **Universidade Federal do Rio de Janeiro**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: **“An affordable general-purpose Inexact Restoration method”**.

Florianópolis, March 21, 2014.

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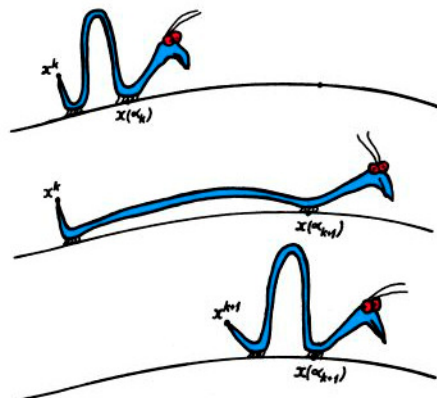
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Luis Roman Lucambio Perez, Universidade Federal de Goiás**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: “**On the existence of sub-differentials**”.

Florianópolis, March 21, 2014.

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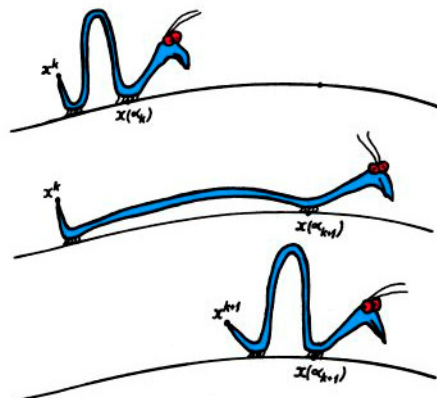
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Luiz Carlos Matioli, Universidade Federal do Paraná**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: “**Algorithms for the Nash Equilibrium Problems**”.

Florianópolis, March 21, 2014.

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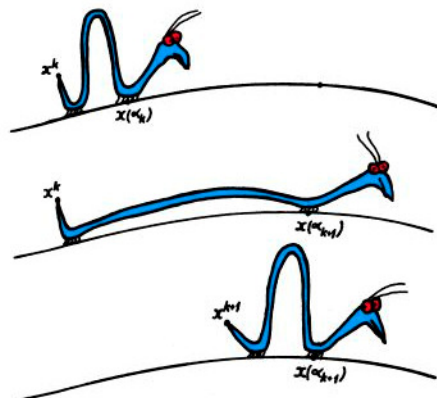
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Luiz Rafael dos Santos, IMECC**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: “**Perprof-py - A Python Package for Performance Profile**”.

Florianópolis, March 21, 2014.

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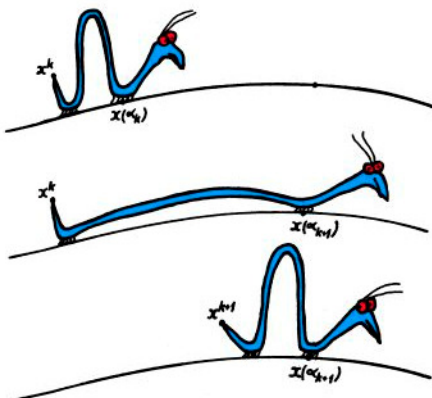
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Lutz Gross, The University of Queensland**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: **“PDE-Constraint Optimization in Large-Scale Inversion of Geophysical Data”**.

Florianópolis, March 21, 2014.

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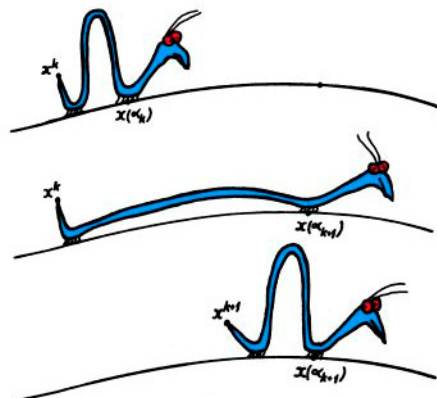
X Brazilian Workshop on Continuous Optimization

Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Marcelo Marcel Cordova**, **Universidade Federal de Santa Catarina**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: “**Assessing numerical performance of some nonsmooth optimization methods in solving thermal unit-commitment problems**”.

Florianópolis, March 21, 2014.



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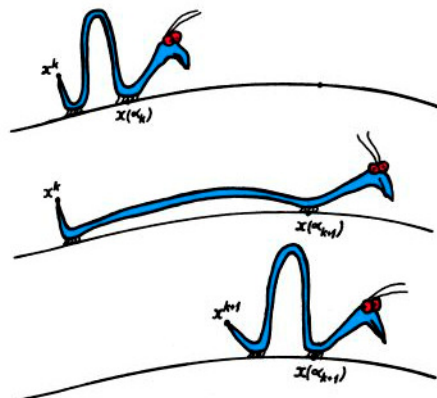
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Marcia Helena Costa Fampa**, **Universidade Federal do Rio de Janeiro**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: “**Globally solving non-convex problems with indefinite quadratic functions**”.

Florianópolis, March 21, 2014.

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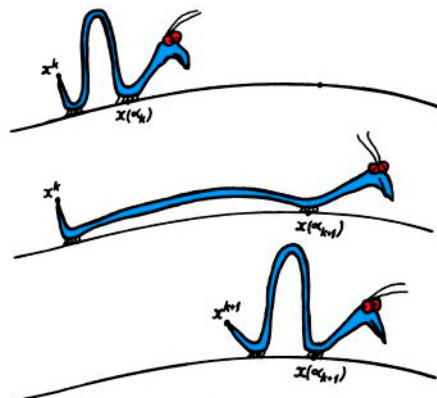
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Maria Daniela Sanchez, Universidad Nac. de la Plata**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: “**An exponential augmented Lagrangian method with second order convergence**”.

Florianópolis, March 21, 2014.

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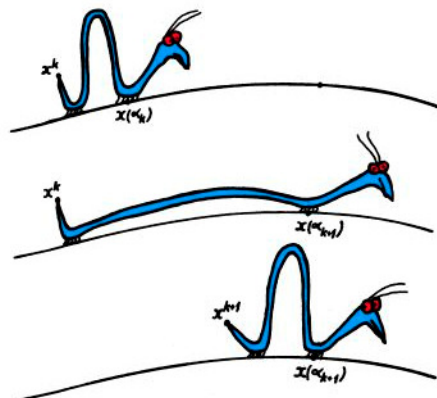
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Mauricio Romero Sicre**, **Universidade Federal da Bahia**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: **“A hybrid proximal extragradient self-concordant primal barrier method for monotone variational inequalities”**.

Florianópolis, March 21, 2014.

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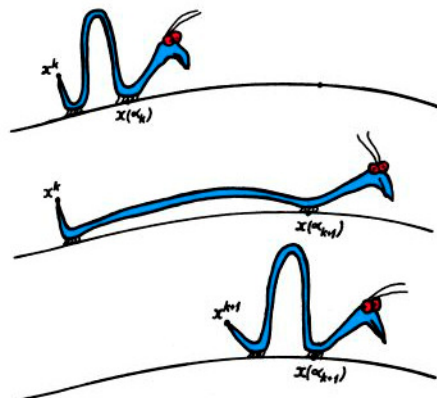
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Max Leandro Nobre Gonçalves**, **Universidade Federal de Goiás**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: **“Convergence of the Gauss-Newton method for a special class of systems of equations under a majorant condition”**.

Florianópolis, March 21, 2014.

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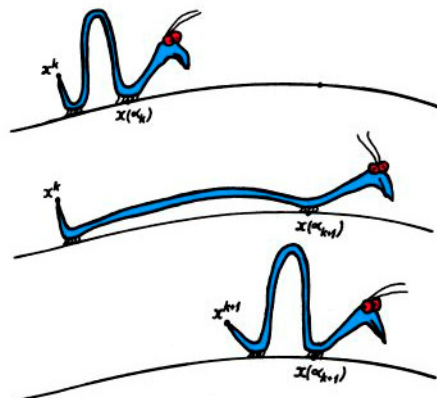
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Michael Overton, New York University**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: **“Narrowing the Difficulty Gap for the Celis-Dennis-Tapia Problem”**.

Florianópolis, March 21, 2014.

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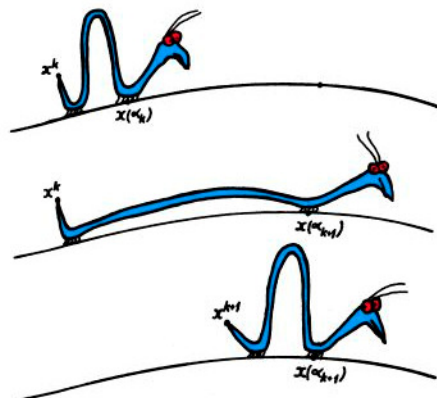
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Mikhail Solodov**, **Instituto de Matematica Pura e Aplicada**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: “**Globalizing stabilized SQP by smooth primal-dual exact penalty function**”.

Florianópolis, March 21, 2014.

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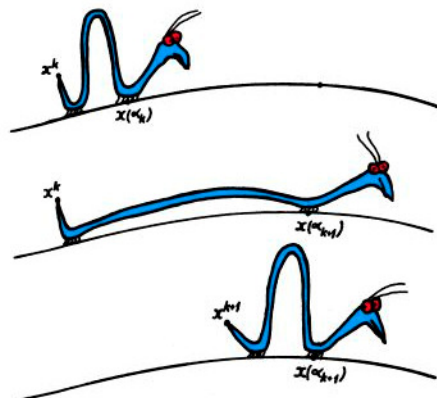
X Brazilian Workshop on Continuous Optimization

Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Mitsuhiro Fukuda, Tokyo Institute of Technology**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: “**Nonmonotone spectral projected gradient method variant for semidefinite optimization problem with log-determinant and l_1 norm terms**”.

Florianópolis, March 21, 2014.



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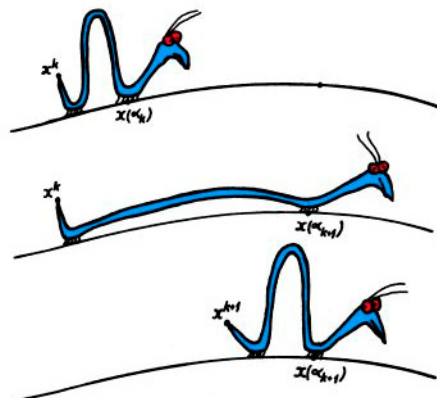
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Nelson Maculan**, Programa de Engenharia de Sistemas e Computação, Coppe/UFRJ, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: “**The Problem of Covering Solids By Spheres of Different Radii**”.

Florianópolis, March 21, 2014.

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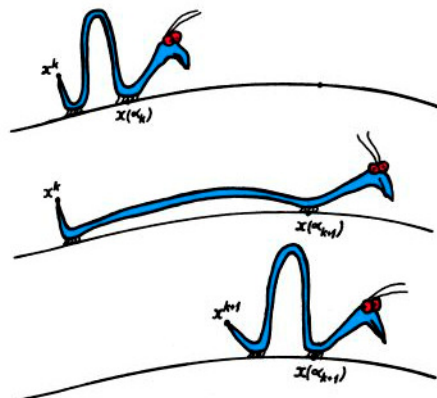
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, ***Orestes Martín Bueno Tangoa***, Instituto de Matemática y Ciencias Afines, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work:
“Equivalence between the p-cyclic quasimonotonicity and the p-cyclic monotonicity for affine maps”.

Florianópolis, March 21, 2014.

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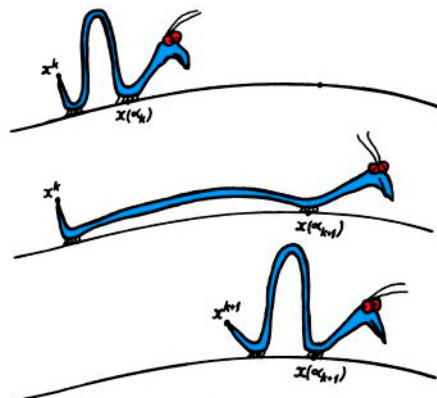
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Orizon Pereira Ferreira, Universidade Federal de Goiás**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: **“On the local convergence of Newton's method to function with values in a cone under majorant condition”**.

Florianópolis, March 21, 2014.

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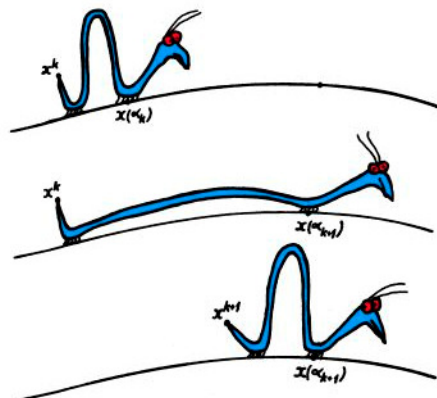
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Paulo José da Silva e Silva, IMECC**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: **“The Spectral Cauchy-Akaike Method”**.

Florianópolis, March 21, 2014.

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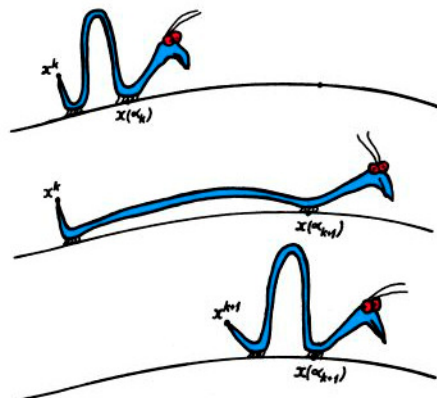
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Pedro Antônio Soares Júnior**, **Universidade Estadual do Piauí**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: **“A proximal point method with generalized distances for a class of bilevel equilibrium problems”**.

Florianópolis, March 21, 2014.

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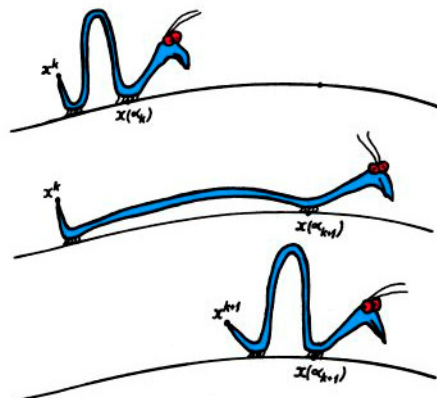
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Pedro Augusto Munari Junior**, **Universidade Federal de São Carlos**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: **“Interior point method and column generation for solving large-scale optimization problems”**.

Florianópolis, March 21, 2014.

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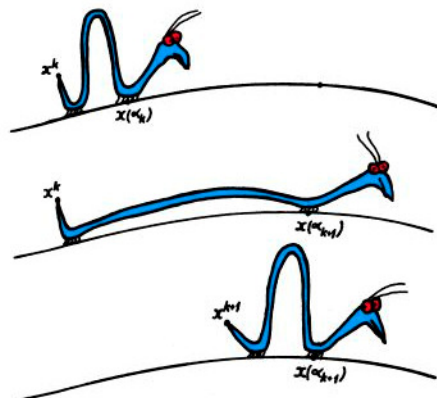
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Philippe Toint, Université de Namur**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: **“Evaluation Complexity in Nonlinear Optimization Using Lipschitz-Continuous Hessians”**.

Florianópolis, March 21, 2014.

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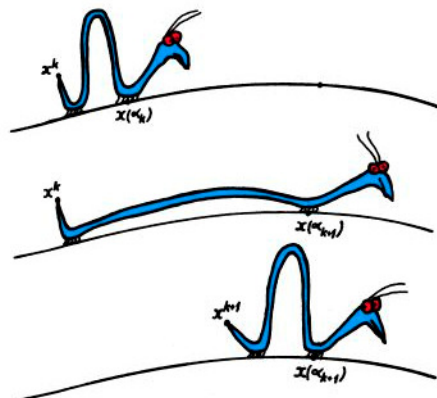
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Rafael Correa F., Universidad de Chile - Matematica**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: “**Characterizations of convex approximate subdifferential calculus in Banach spaces**”.

Florianópolis, March 21, 2014.

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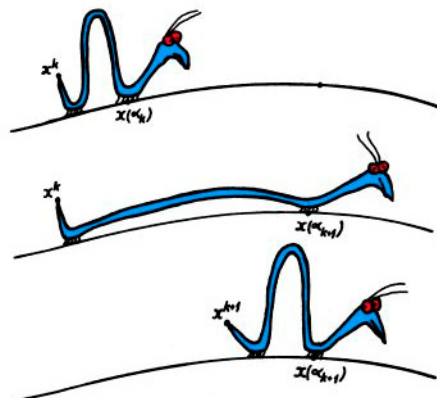
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Renan Vicente Pinto, Universidade Federal do Rio de Janeiro**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: “**The Problem of Covering Solids By Spheres of Different Radii**”.

Florianópolis, March 21, 2014.

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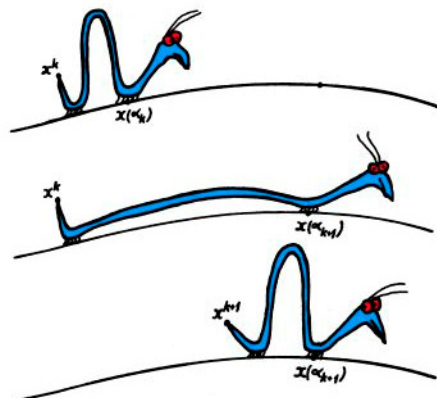
X Brazilian Workshop on Continuous Optimization

Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Renato D C Monteiro**, **Georgia Institute of Technology**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: “**Accelerating block-decomposition first-order methods for solving generalized saddle-point and Nash equilibrium problems**”.

Florianópolis, March 21, 2014.



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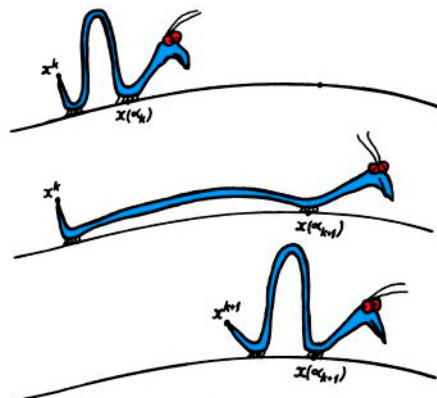
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Robert Mifflin, Washington State University**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: **“V-models for nonconvex minimization: A prerequisite for a VU-algorithm”**.

Florianópolis, March 21, 2014.

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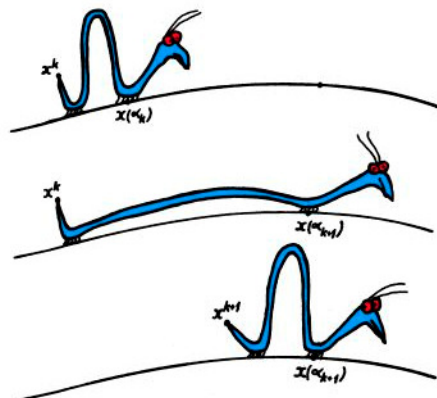
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Roberto Andreani, IMECC**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: “**On the behaviour of constrained optimization methods when Lagrange multipliers do not exist**”.

Florianópolis, March 21, 2014.

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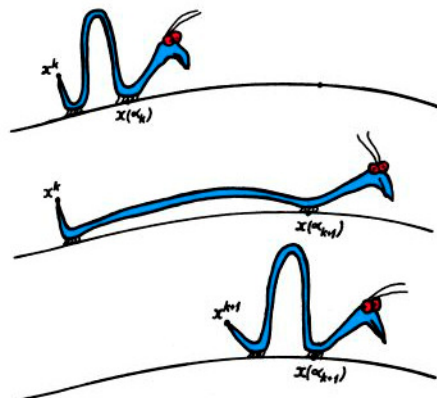
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Roberto Cristovao Mesquita Silva, Universidade Federal do Amazonas**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: **“An inexact and nonmonotone proximal method for smooth unconstrained minimization”**.

Florianópolis, March 21, 2014.

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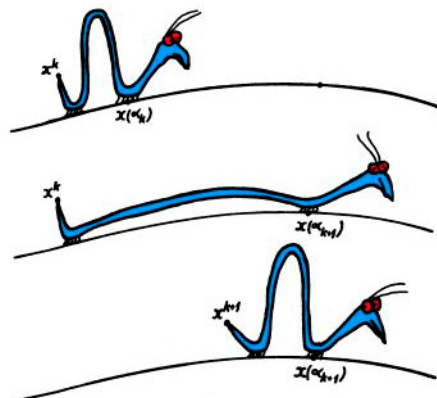
March 17th to 21st, 2014

We hereby certify that, **Rodrigo Garcia Eustaquio**, **Universidade Tecnológica Federal do Paraná**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work:

“A new class of root-finding methods in \mathbb{R}^n : The Inexact Chebyshev-Halley tensor free class”.

Florianópolis, March 21, 2014.

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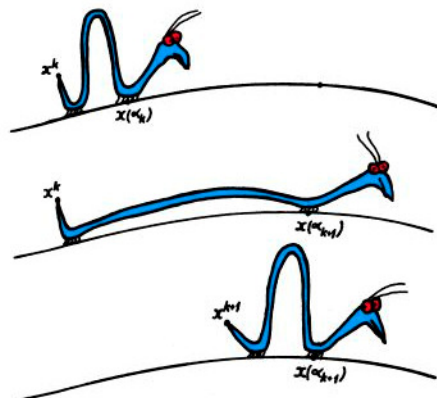
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Romulo Castillo**, **Universidade Federal do Paraná**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: **“An unified approach to multiplier and proximal methods”**.

Florianópolis, March 21, 2014.

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X Brazilian Workshop on Continuous Optimization

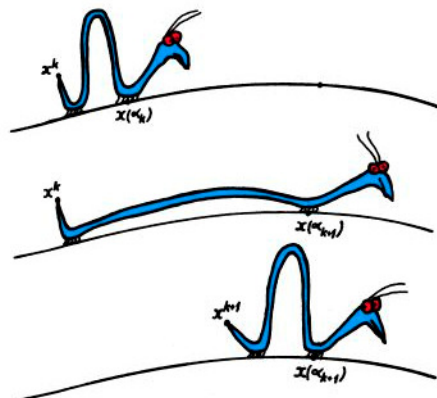
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Sandra Augusta Santos, IMECC**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: “**Algebraic rules for quadratic regularization of Newton's method**”.

Florianópolis, March 21, 2014.

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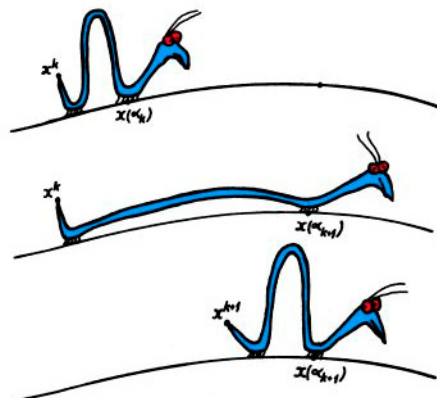
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Stephen Wright, University of Wisconsin - Madison**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: “**Asynchronous Parallel Optimization Methods**”.

Florianópolis, March 21, 2014.

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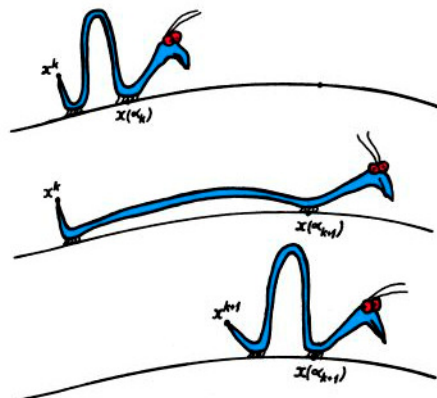
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Sven Leyffer, Uae University**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: **“Recent Advances in Nonlinear Optimization”**.

Florianópolis, March 21, 2014.

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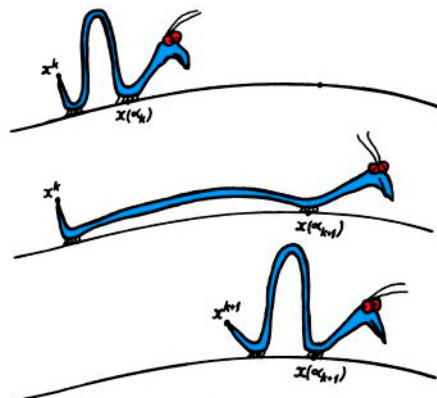
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Takashi Tsuchiya**, **National Graduate Research Institute for Policy Studies**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: **“Geometric approaches to interior-point methods”**.

Florianópolis, March 21, 2014.

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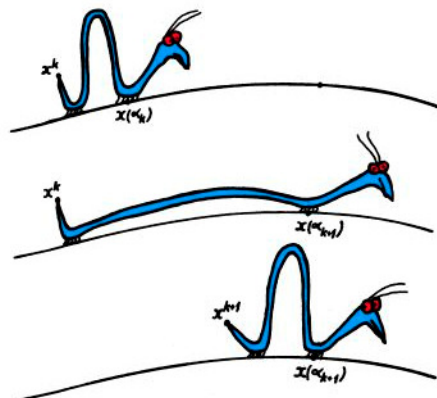
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Tiara Martini, IMECC**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: **“Solving feasibility problems with complementarity”**.

Florianópolis, March 21, 2014.

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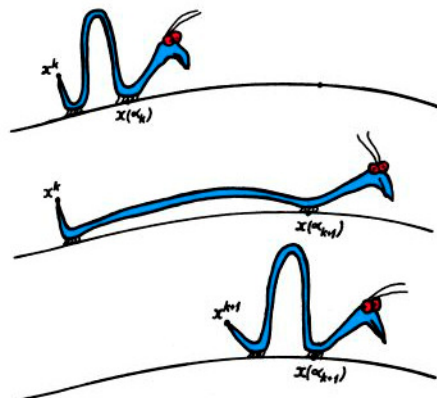
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Uriel Octavio Moreles Vazquez, Instituto Politecnico Nacional**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: “**Continuous Numerical Solution of a Differential Equation**”.

Florianópolis, March 21, 2014.

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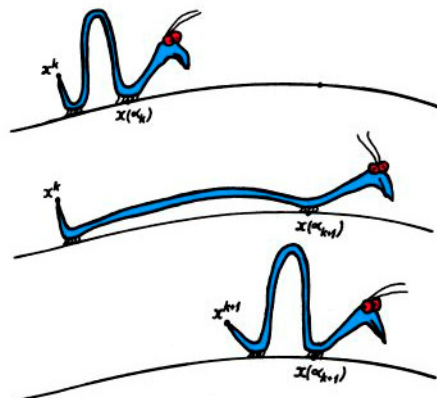
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Valeriano Antunes de Oliveira**, **Universidade Estadual Paulista - São José do Rio Preto**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: “**Description of Attainable Sets of Differential Inclusions through Optimal Control**”.

Florianópolis, March 21, 2014.

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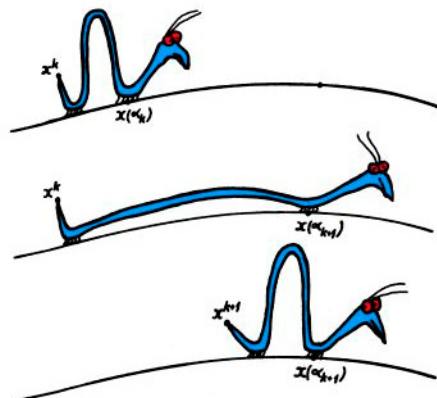
X Brazilian Workshop on Continuous Optimization

Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Vincent Guigues**, **Fundação Getúlio Vargas**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: “**Risk-averse mirror descent for convex and uniformly convex stochastic programs with applications to hypotheses testing of risk measures**”.

Florianópolis, March 21, 2014.



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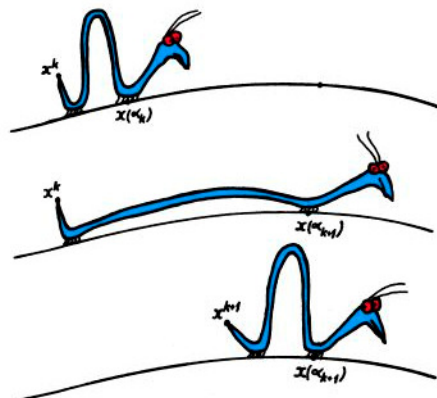
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Wellington Luis de Oliveira, IMPA - Pós-Doutorando de Excelência**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: **“A strongly convergent proximal bundle method for convex minimization in Hilbert spaces”**.

Florianópolis, March 21, 2014.

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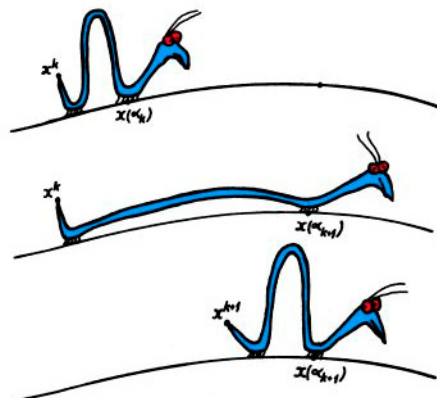
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Wilfredo Sosa Sandoval**, **Universidade Catolica de Brasilia**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: “**Equilibrium via equilibrium**”.

Florianópolis, March 21, 2014.

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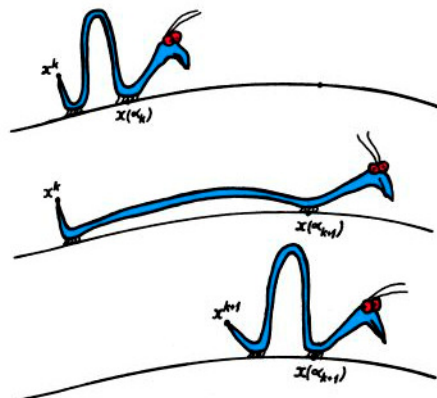
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, ***Yboon Victoria García Ramos***, Instituto de Matemática y Ciencias Afines, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: **“Integration Formulas without convexity”**.

Florianópolis, March 21, 2014.

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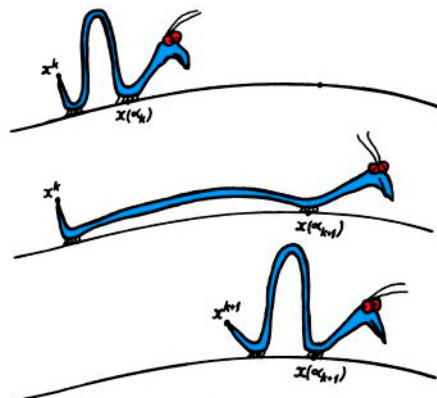
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Yuan Jin Yun, Universidade Federal do Paraná**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: **“A Subspace Version of the ARC Algorithm for Unconstrained Optmization”**.

Florianópolis, March 21, 2014.

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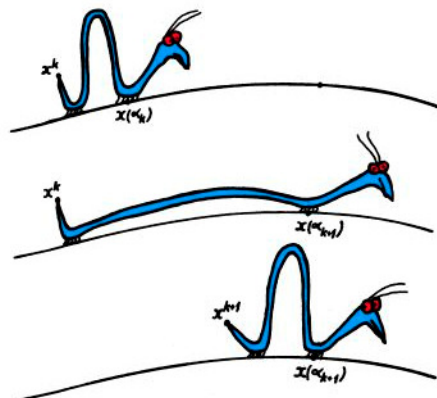
Florianópolis, Santa Catarina, Brazil

March 17th to 21st, 2014

We hereby certify that, **Yurii Nesterov, Université Catholique de Louvain**, participated in the X Brazilian Workshop on Continuous Optimization. Celebrating Clovis Gonzaga's 70th birthday held at Florianópolis, Santa Catarina, from March 17 to 21, 2014 and presented the following work: “**Universal gradient methods**”.

Florianópolis, March 21, 2014.

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