

Our Colleagues Tom and Jayme

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(a) Tom



(b) Jayme



(c) Jayme



(d) Tom

Two Questions

- $\text{Jayme} + \text{Tom} = 150,$
- $\text{Tom} - \text{Jayme} = 0.$
- How old is Tom?
- How old is Jayme?

- When Lionel Pournin rang me up, and asked me to present Thomas M. Liebling and Jayme L. Szwarcfiter, I thought: it will be a very hard work.
- I met Jayme on 1971 (Universidade Federal do Rio de Janeiro, UFRJ) and Tom on 1974 (Pontifícia Universidade Católica do Rio de Janeiro, PUC-RIO).
- Both are members of the Brazilian Academy of Sciences (Engineering Sciences section).
- They advised B.Sc, M.Sc. and Ph.D. students, and they created their area of research. Two important “schools” of research are created by them.
- Tom is Professor Emeritus at École Polytechnique Fédérale de Lausanne (EPFL) and Jayme is Professor Emeritus at UFRJ.

20/08/2017

Thomas Liebling elected to the Brazilian Academy of Sciences



Thomas M. Lieblich is Mathematics Professor Emeritus at EPFL (Lausanne), where he taught from 1980 to 2008 and directed the OR group ROSO. Previous appointments were with ETHZ, and RPI; as visiting professor with Cornell, ELTE-Budapest, MIT, PUC-Rio, and Stanford.

He received his education from ETH Zurich: MS in EE (1966, automatic control), PhD in operations research (1969; awarded the ETH prize and medal). Mathematics habilitation (1973) with a pioneering probabilistic study on the number of iterations of the simplex method. Postdoctoral fellowship (1970/71) Stanford University with G.B. Dantzig.

He holds the Science Prize of the German OR Society, is a member of the Swiss Academy of Engineering Sciences and the Scientific Council of ZIB, Berlin. He received a honorary degree from the Universidad Nacional Mayor de San Marcos, Lima and the Medal of Merit from EPN (Escuela Politécnica Nacional), Quito.

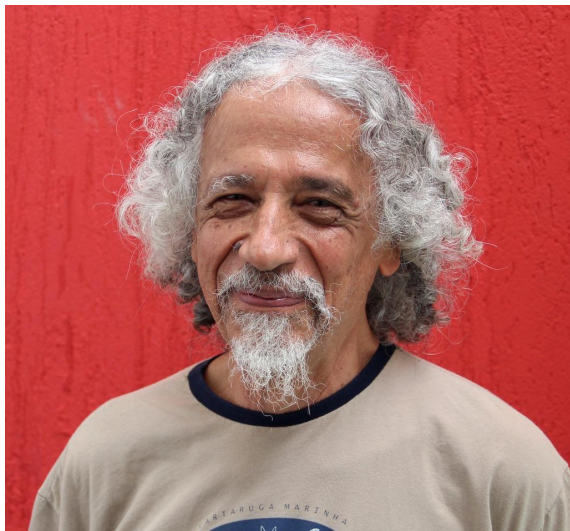
Editorial activities: DE (Optimization and Networks) of Management Science, AE of Operations Research, OR-letters, OR-Spectrum, EJOR, Discrete Applied Optimization, and Math. Programming, recurring guest-editor of MPB and DAM. He is Editor in Chief of the MOS-SIAM book series on optimization.

He is a founding organizer of the Aussois Workshops in Combinatorial Optimization, and member of the steering committee of LAGOS (Latin American Graphs, Optimization Symposium) chaired the MPS Publications Committee, Tucker Prize Committee, and presently chairs its Symposium Advisory Committee. He organized ISMP 1997 at EPFL, with nearly 1500 participants from 63 countries, the largest to date. He has chaired the Conference of Department Chairmen (a position comparable to a provost), the Computer Commission (responsible for the introduction at EPFL of the first Swiss supercomputer), and further chaired the Research Commission over 6 years, he created the Doctoral Award and was its first Jury chair. He belonged to the Board of Trustees of the Swiss National Science Foundation.

Much of his research lies at the interface with other disciplines (physics, life sciences, materials science, management, engineering, logistics), focusing on complex systems modeling, simulation, and optimization. His present research interests are in algorithmic game theory and complex particle system modeling and simulation using paradigms from mathematical programming, discrete geometry and probability.

He served on the jury of 112 PhD and habilitation theses, 39 as director. He further supervised 150 MS theses and 350 term projects, many of which in collaboration with industry and private and public services. He published over 200 refereed papers, books, and book chapters.

Tom has been Ph.D. and M.Sc. adviser or co-adviser of students from 29 different countries.



Jayme Luiz Szwarcfiter is an emeritus professor at the Institute of Mathematics, Federal University of Rio de Janeiro. He obtained the degrees of B.Sc. in 1967, M.Sc in 1971, also from the Federal University of Rio de Janeiro, and the Ph.D. in Computer Science from the University of Newcastle upon Tyne, England, in 1975. He did 3 postdocs: at the University of California, Berkeley, USA, 1979-1980; University of Cambridge, England, 1984-85; and Université de Paris XI (Orsay), France, 1990-91.

He is a professor at the Federal University of Rio de Janeiro, since 1968, admitted shortly after he finished the undergraduate course. He published 150 papers in refereed journals, the first of them, in 1974, co-authored by Donald Knuth. Besides, over 100 papers in refereed conferences. He is an author of 3 books, the last of them currently in press. He has supervised 40 Ph.D. and 27 M.Sc. students.

Jayme was also the director of the Computer Center of the Federal University of Rio de Janeiro (UFRJ), in the period 1976-78. These were the golden times for computer centers, through the world. Before the spread of computer terminals and the existence of notebooks, all the jobs had to be made by mainframes. So computer centers were gigantic, both in equipment and personal. The Computer Center of the UFRJ had over 300 people working and run all the programs, both academic and administrative of the university.

Jayme is a member of the Brazilian Academy of Sciences. Among the honors and prizes received, the Prize Álvaro Alberto of Science and Technology, from the Brazilian Ministry of Science and Technology; awarded as Honorary Professor of the University of Buenos Aires, Argentina; Prize of Scientific Merit, from the Brazilian Computer Science Society; Prize of Academic Merit, from COPPE, Federal University of Rio de Janeiro, Prize Luis Federico Leloir, from the Ministry of Science, Technology and Productive Innovation, Argentina. He was the chair of the first issue of the LAGOS Conference, by that time, named as GRACO (Graphs, Algorithms and Combinatorics) Conference; the chair of the first issue of the Latin American Workshop of Cliques of Graphs. Besides a member of the Program Committee of the first LATIN Conference. His main interest lies in algorithms and graph theory, structural graph theory, specially recognition problems. Besides, some aspects of combinatorial optimization, as scheduling problems.

Feliz Aniversário
Feliz Cumpleaños
More 150 years for both!