editorial
editorial
entrevista
interview
ágora
agora
tapete
carpet
artigo nomads
nomads paper
projetos

expediente credits próxima v!rus QUESTÃO DE MÉTODO QUESTION OF METHOD MARCELO TRAMONTANO, PEDRO TEIXEIRA, MARIO VALLEJO

V 20 revista V!RUS V!RUS journal

issn 2175-974x ano 2020 year semestre 01 semester Julho 2020 July

(CC) BY-NC-SA

Marcelo Tramontano is an Architect, Master, Doctor, and Livre-docente in Architecture and Urbanism, with a Post-doctorate in Architecture and Digital Media. He is an Associate Professor at the Institute of Architecture and Urbanism of the University of Sao Paulo, Brazil, and the Graduate Program in Architecture and Urbanism of the same institution. He directs Nomads.usp and is the Editor-in-Chief of V!RUS journal. tramont@sc.usp.br

**Pedro Teixeira** is an Architect and researcher at Nomads.usp, at the Graduate Program in Architecture and Urbanism of the Institute of Architecture and Urbanism of the University of Sao Paulo, Brazil. He studies the documentary film use for urban readings, based on participatory and collaborative processes of audiovisual production. pedrot@usp.br

Mario Vallejo is an Architectural and Engineering Draftman, and a Master in Architecture. He is a researcher at Nomads.usp, in the Graduate Program in Architecture and Urbanism at the Institute of Architecture and Urbanism of the University of Sao Paulo, Brazil. He studies digital design processes, collaboration, BIM, and methods and means of representation. mariovallejo@usp.br

How to quote this text: Tramontano, M., Teixeira, P. P., Vallejo, M. B., 2020. Question of method. *V!rus*, Sao Carlos, 20. [online] Available at: <a href="http://www.nomads.usp.br/virus/virus20/?sec=1&item=1&lang=en>">http://www.nomads.usp.br/virus20/?sec=1&item=1&lang=en>">http://www.nomads.usp.br/virus20/?sec=1&item=1&lang=en>">http://www.nomads.usp.br/virus20/?sec=1&item=1&lang=en>">http://www.nomads.usp.br/virus20/?sec=1&item=1&lang=en>">http://www.nomads.usp.br/virus20/?sec=1&item=1&lang=en>">http://www.nomads.usp.br/virus20/?sec=1&item=1&lang=en>">http://www.nomads.usp.br/virus20/?sec=1&item=1&lang=en>">http://www.nomads.usp.br/virus20/?sec=1&it

The preparation process for this issue of the V!RUS journal took place during the first months of the new coronavirus pandemic. Measures taken by authorities around the world to fight the crisis have sparked the search for ways of reorganizing practices and dynamics in many areas and sectors of society. The questions of method and the responsibility of research universities to explore them have thus been placed at the center of debates and actions that are important for understanding and facing the pandemic, and to support the population's involvement.

However, despite the great tragedy this pandemic brings, this is also a time for us to celebrate. We are launching this twentieth issue of V!RUS in the twentieth year of the existence of Nomads.usp, Center for Interactive Living Studies, the group that publishes the journal. Created in July 2000, the Center is connected to the Graduate Program in Architecture and Urbanism at the Institute of Architecture and Urbanism at the University of Sao Paulo, Brazil, and brings together undergraduate, master's, doctoral and post-doctoral researchers. The continuous review of research methods and methodologies, as well as the relationship between digital culture, architecture, and the city, have always been at the heart of the issues addressed by Nomads.usp. It is not by chance that they are the subject of the two issues of the journal in the year 2020.

PT | EN

We are very grateful to all authors who have been interested in discussing the topics we proposed throughout these twenty editions, as well as to all reviewers who generously devoted their time and competence to evaluate the submitted works and suggest corrections, adjustments, and further developments. We also thank the members of our Scientific Committee for their crucial support, and all Nomads.usp researchers who, since 2006, have participated in the construction of the journal as a project for academic dialogue, training, and research. This edition is thus a celebration of V!RUS and Nomads.usp with our colleagues, collaborators, friends and partners, and, especially, with our readers.

We are, therefore, delighted to present these twenty-eight works selected in intense cooperation with external reviewers, produced by fifty-five researchers from several institutions in Brazil and abroad. These articles are full of thought-provoking reflections on the question of method and possible extensions of its limits in contemporary times. We believe that addressing methods for research, teaching, and cultural activities and university extension is essential to consolidate the social role of academia in the larger effort to knowledge production in collaboration with the society.

A broad view of the issue's theme is offered by the architect and Professor Emeritus from the Federal University of Minas Gerais, Brazil, **Maria Lúcia Malard**, in the interview "Seeking what does not yet exist". She proposes an overview of the question of method, from a perspective of the academic world and, in particular, of Architecture and Urbanism. Innovative teaching and learning methods are focused and examined in the works Thinking about method and the knowledge production, by **Lúcia Leão**, Body, criticism and creativity in the study of the city, by **Roseline Oliveira**, and Up close and from inside: connecting drawings to history(ies), by **Ethel Pinheiro**, **Gustavo Badolati Racca**, **Niuxa Dias Drago** and **Sergio Rego Fagerlande**.

Four articles discuss conceptual bases of the theme from an interdisciplinary perspective: The meaningful emptiness of the canon, by Ruth Verde Zein, About the architect-researcher-militant and lessons from Geography, by Marina Paolinelli, Making of: the cartography of controversies and project research, by Rodrigo das Neves Costa, Giselle Nielsen Azevedo and Rosa Maria Leite Pedro, and Deviation as a method: the relational dimension in radical design, by Angelica Oliveira Adverse, Adriana Dornas and Maira Gouveia.

The discussion and review of methods for the study of the city and the urban environment is central to five studies. In <a href="The-landscape">The-landscape</a> as an experience: a methodological strategy, Maria Cecília Bom de Lima and Luciana Martins Schenk propose a methodology for formulating landscape design. In <a href="Listening">Listening</a> as an encounter: action and reflection in a collective field study, Luciana Roça and Marcelo Tramontano discuss methodologies for community participation in processes of thinking about the city. The further three articles address methodological thoughts related to the right to the city, inclusive principles, and the construction of the common. They are: <a href="The-right">The right</a> to the city and hegemony: <a href="pathways">pathways</a> to an urban praxis, by Liana de Viveiros e Oliveira, <a href="Narratives">Narratives</a> on the margins: <a href="shifting">shifting</a> epistemes for a methodology of the common, by Daniele Caron, <a href="Rodrigo Isoppo">Rodrigo Isoppo</a>, Katia Oliveira and Gianluca Perseu, and <a href="Precariousness">Precariousness</a> as a rule: <a href="contributions">contributions</a> to an epistemological repositioning, by Paulo Nascimento Neto.

Six method propositions related to the design and management of the built environment are presented and discussed in the articles A method to classify the permeability of tree canopies, by Virginia Nogueira de Vasconcellos, Ergonomic methodologies for the evaluation of built environment, by Vilma Villarouco and Ana Paula Lima Costa, Kinematic-graphic body: a transdisciplinary method proposal for embodied cities, by Mariana Valicente, Cintia Ramari, Ethel Pinheiro and Niels Albertsen, The historian and a method: the social memory of a disaster via hashtag, by Taciana Sene Lúcio, A tool for the evaluation of Municipal Solid Waste Management, by Ana Beatriz Suquisaqui and Katia Ventura, and Participatory algorithms: a methodology for architectural customization, by Luiz Alberto Backheuser and Paulo Fonseca de Campos.

Cross-cutting to all editions of the journal, section Carpet usually brings together articles from the same subtheme. In this issue, it assembles six works that focus on socially disadvantaged groups, discussing modes of research, teaching, and university extension activities. Two of them address gender issues: Sewing as a method for investigating the city, by Giovanna Magalhães, Larissa Siqueira Chaves, Soraya Nór and Rodrigo Gonçalves dos Santos, and Bibliometric analysis applied to studies on LGBT issues, by Artur de Souza Duarte, Israel Gomes de Oliveira, Maria de Lurdes Costa Domingos and Renato Cymbalista. Three other articles discuss methodologies that mix research and university extension activities: Mapping the city of Rio de Janeiro along with youngsters and children, by Flora Olmos Fernandez, Authoritarian vs. dialogic architectural design: an essay, by Bruno Euphrasio de Mello, and Cinema in Ho Chi Minh: a filming practice as a territorial engagement, by Iara Pezzuti dos Santos e Felipe De Brot. Igor Guatelli, in Living in the opening of interiorities, deepens the debate on ways to understand living in urban occupations.

In section Project, the article <u>The Tietê Floodplain: environmental restoration, urbanization and technological innovation</u>, by **Nelson Brissac Peixoto**, presents the challenges of developing transdisciplinary research projects that require community cooperation, such as the ZL Vórtice project, in Sao Paulo outskirts.

Finally, the work <u>Climate Change and Social Sciences: a bibliometric analysis</u>, by **Flávio Dias de Moraes**, **Ana Lia Monteiro Leonel**, **Pedro Henrique Torres**, **Pedro Roberto Jacobi** and **Sandra Momm Schult**, explores the limits of some classic research methods applied to interdisciplinary studies.

We hope that these works will contribute to inspiring the renewal of methods in our research groups, institutions, and networks. May they make more thought-provoking the straight and unsurprising path of traditional research with the typhoons of indeterminism, complexity, and emergence.