

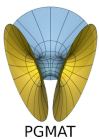
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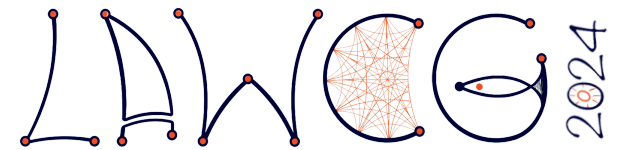
We hereby certify that **Alessandra Aparecida Pereira** presented the work entitled
“**Extending a perfect matching to a hamiltonian cycle in some classes of graphs**”
at the **11th Latin American Workshop on Cliques in Graphs (LAWCG)**, which took
place in Aquiraz, Ceará, Brazil, from October 20th to October 23th, 2024.

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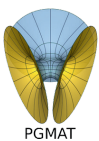
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We hereby certify that **Aline Silva Reis** presented the work entitled “**Um estudo sobre grafos 2-cordais finos e subclasses**” at the **11th Latin American Workshop on Cliques in Graphs (LAWCG)**, which took place in Aquiraz, Ceará, Brazil, from October 20th to October 23th, 2024.

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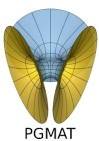
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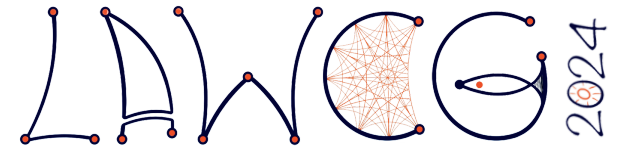
We hereby certify that **André Luiz Pires Guedes** presented the work entitled **“IIC-comparability graphs”** at the **11th Latin American Workshop on Cliques in Graphs (LAWCG)**, which took place in Aquiraz, Ceará, Brazil, from October 20th to October 23th, 2024.


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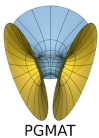
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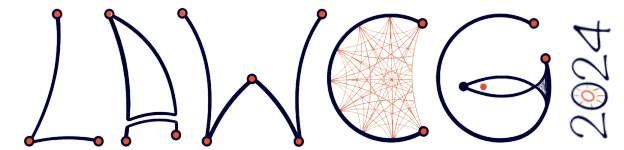
We hereby certify that **André Luiz Pires Guedes** presented the work entitled
“Inclusion graphs of biclique parts of K_3 -free graphs” at the **11th Latin American Workshop on Cliques in Graphs (LAWCG)**, which took place in
Aquiraz, Ceará, Brazil, from October 20th to October 23th, 2024.

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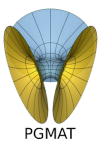
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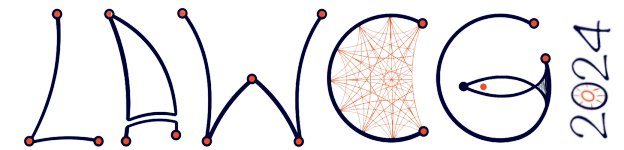
We hereby certify that **Anna Margarethe Limbach** presented the work entitled **“When do graph covers preserve the clique dynamics of infinite graphs?”** at the **11th Latin American Workshop on Cliques in Graphs (LAWCG)**, which took place in Aquiraz, Ceará, Brazil, from October 20th to October 23th, 2024.

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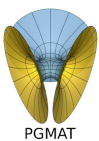
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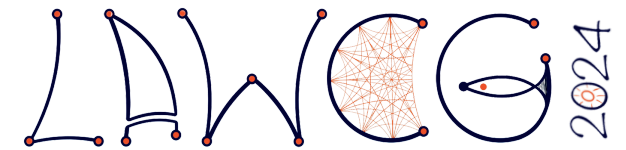
We hereby certify that **Ariane Kevinny Muniz Ribeiro** presented the work entitled **“Results on the connected greedy coloring game”** at the **11th Latin American Workshop on Cliques in Graphs (LAWCG)**, which took place in Aquiraz, Ceará, Brazil, from October 20th to October 23th, 2024.

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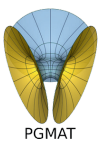
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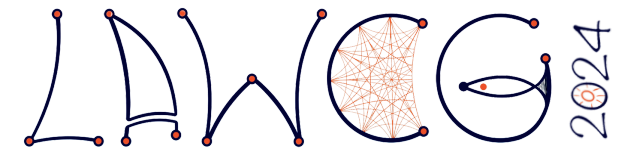
We hereby certify that **Athos José de Araújo** presented the work entitled “**Edge Coloring of the Graph $H_{l,p}$** ” at the **11th Latin American Workshop on Cliques in Graphs (LAWCG)**, which took place in Aquiraz, Ceará, Brazil, from October 20th to October 23th, 2024.

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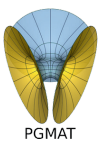
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We hereby certify that **Atilio Gomes Luiz** presented the work entitled
“Double Roman Domination on graphs with maximum degree 3” at the **11th Latin American Workshop on Cliques in Graphs (LAWCG)**, which took place
in Aquiraz, Ceará, Brazil, from October 20th to October 23th, 2024.

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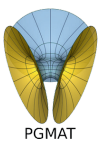
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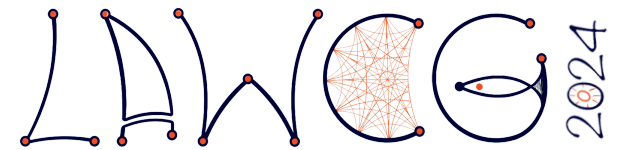
We hereby certify that **César Augusto dos Santos Bispo** presented the work entitled “**Erdős sparse halves conjecture for blow-ups of Vega graphs**” at the **11th Latin American Workshop on Cliques in Graphs (LAWCG)**, which took place in Aquiraz, Ceará, Brazil, from October 20th to October 23th, 2024.


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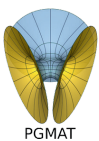
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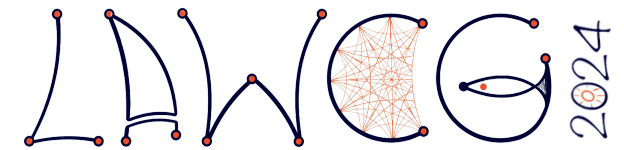
We hereby certify that **Christelle Caillouet** presented the work entitled “**Scheduling Transmissions in Time-Slotted LoRa Wide Area Networks**” at the **11th Latin American Workshop on Cliques in Graphs (LAWCG)**, which took place in Aquiraz, Ceará, Brazil, from October 20th to October 23th, 2024.

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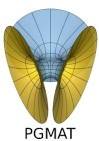
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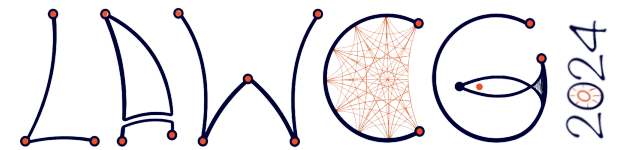
We hereby certify that **Cláudio Soares de Carvalho Neto** presented the work entitled **“Flow decomposition on arc-coloured networks”** at the **11th Latin American Workshop on Cliques in Graphs (LAWCG)**, which took place in Aquiraz, Ceará, Brazil, from October 20th to October 23th, 2024.

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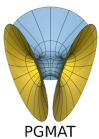
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We hereby certify that **Davi de Andrade Iacono** presented the work entitled
“On Finding Temporal Cycles and Acyclic Labelings” at the **11th Latin American Workshop on Cliques in Graphs (LAWCG)**, which took place in
Aquiraz, Ceará, Brazil, from October 20th to October 23th, 2024.

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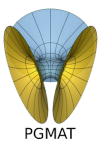
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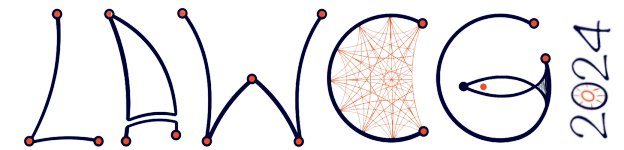
We hereby certify that **Dayllon Vinicius Xavier Lemos** presented the work entitled “**Independent locating-dominating sets in some graph classes**” at the **11th Latin American Workshop on Cliques in Graphs (LAWCG)**, which took place in Aquiraz, Ceará, Brazil, from October 20th to October 23th, 2024.

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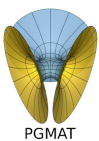
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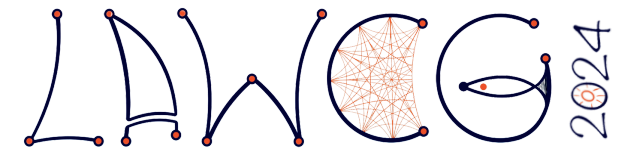
We hereby certify that **Diana Sasaki** presented the work entitled “**On the AVD-total chromatic number of 4-regular circulant graphs**” at the **11th Latin American Workshop on Cliques in Graphs (LAWCG)**, which took place in Aquiraz, Ceará, Brazil, from October 20th to October 23th, 2024.

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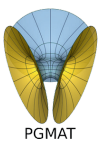
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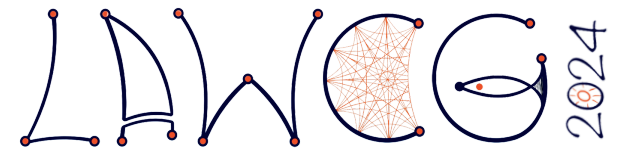
We hereby certify that **Diego Amaro Costa** presented the work entitled **“Preenchendo lacunas na coloração de arestas de grafos split”** at the **11th Latin American Workshop on Cliques in Graphs (LAWCG)**, which took place in Aquiraz, Ceará, Brazil, from October 20th to October 23th, 2024.

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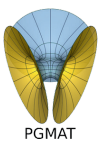
CERTIFICATE

We hereby certify that **Eder F. Figueiredo** presented the work entitled “**Some results on graph coloring games**” at the **11th Latin American Workshop on Cliques in Graphs (LAWCG)**, which took place in Aquiraz, Ceará, Brazil, from October 20th to October 23th, 2024.

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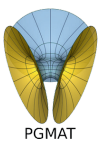
CERTIFICATE

We hereby certify that **Eric Brandwein** presented the work entitled **“Parameterized algorithms for thinness via the cluster module number”** at the **11th Latin American Workshop on Cliques in Graphs (LAWCG)**, which took place in Aquiraz, Ceará, Brazil, from October 20th to October 23th, 2024.


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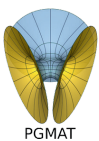
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We hereby certify that **Gabriel Lucas Costa Martins** presented the work entitled “**On the I-Nested Cut problem: a generalization of Matching Cut**” at the **11th Latin American Workshop on Cliques in Graphs (LAWCG)**, which took place in Aquiraz, Ceará, Brazil, from October 20th to October 23th, 2024.


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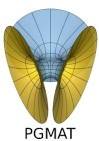
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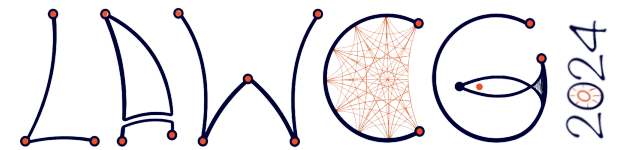
We hereby certify that **Giovanna A.B. Penao** presented the work entitled **“Infinite families of two Kochol superpositions of Loupekine snarks are Type 1”** at the **11th Latin American Workshop on Cliques in Graphs (LAWCG)**, which took place in Aquiraz, Ceará, Brazil, from October 20th to October 23th, 2024.

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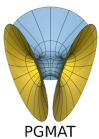
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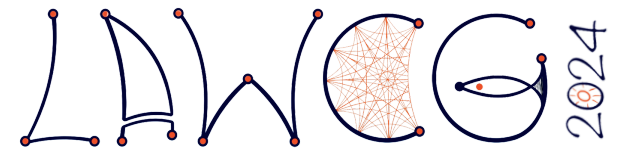
We hereby certify that **Gustavo M. Leal** presented the work entitled “**The Path Validity Problem**” at the **11th Latin American Workshop on Cliques in Graphs (LAWCG)**, which took place in Aquiraz, Ceará, Brazil, from October 20th to October 23th, 2024.

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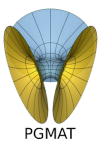
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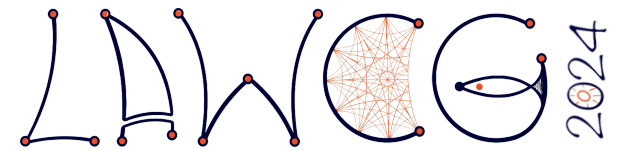
We hereby certify that **Heloisa Lazari** presented the work entitled
“**Transversals of longest paths on cubic pseudo-Halin graphs**” at the **11th**
Latin American Workshop on Cliques in Graphs (LAWCG), which took place
in Aquiraz, Ceará, Brazil, from October 20th to October 23th, 2024.

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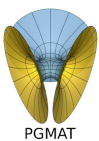
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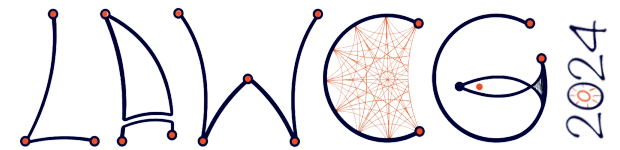
We hereby certify that **Ingrid Borchert** presented the work entitled “**The cost of perfection for matchings in Prisms graphs**” at the **11th Latin American Workshop on Cliques in Graphs (LAWCG)**, which took place in Aquiraz, Ceará, Brazil, from October 20th to October 23th, 2024.

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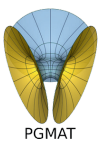
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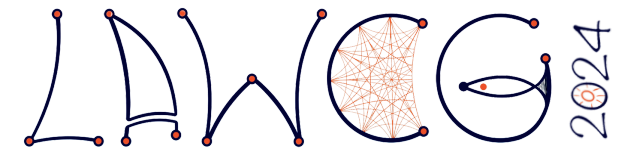
We hereby certify that **João Marcos Brito Matias** presented the work entitled **“Jogos partizan de convexidade em grafos”** at the **11th Latin American Workshop on Cliques in Graphs (LAWCG)**, which took place in Aquiraz, Ceará, Brazil, from October 20th to October 23th, 2024.

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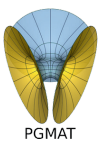
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We hereby certify that **Kaio Henrique Masse Vieira** presented the work entitled
“Variations of chordal and dually chordal graphs characterizable by vertex orderings” at the **11th Latin American Workshop on Cliques in Graphs (LAWCG)**, which took place in Aquiraz, Ceará, Brazil, from October 20th to October 23th, 2024.

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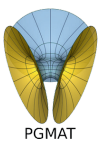
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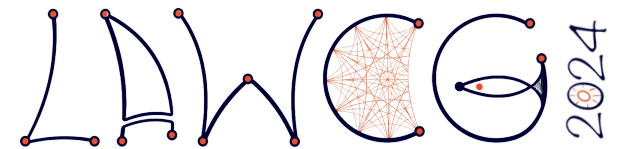
We hereby certify that **Lauane M. O. de Moraes** presented the work entitled “**On open-independent dominating sets for some subclasses of cubic graphs**” at the **11th Latin American Workshop on Cliques in Graphs (LAWCG)**, which took place in Aquiraz, Ceará, Brazil, from October 20th to October 23th, 2024.


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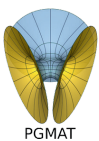
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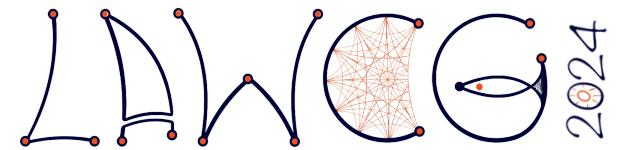
We hereby certify that **Leandro Freitas de Souza** presented the work entitled
“Some results on the relationship between modular-related parameters of graphs” at the **11th Latin American Workshop on Cliques in Graphs (LAWCG)**,
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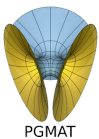
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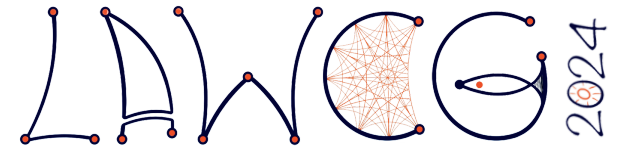
We hereby certify that **Leandro M. Zatesko** presented the work entitled “**Almost All Complementary Prisms Have Many Pairwise-disjoint Perfect Matchings**” at the **11th Latin American Workshop on Cliques in Graphs (LAWCG)**, which took place in Aquiraz, Ceará, Brazil, from October 20th to October 23th, 2024.

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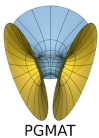
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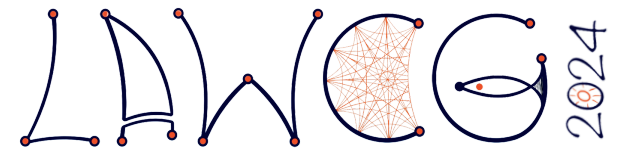
We hereby certify that **Lehilton Lelis Chaves Pedrosa** presented the work entitled **“Inaproximabilidade do k -center balanceado”** at the **11th Latin American Workshop on Cliques in Graphs (LAWCG)**, which took place in Aquiraz, Ceará, Brazil, from October 20th to October 23th, 2024.

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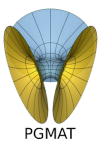
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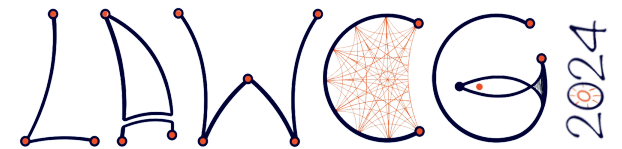
We hereby certify that **Leonardo de Almeida Cavadas** presented the work entitled **“Dijkstra Hypergraphs”** at the **11th Latin American Workshop on Cliques in Graphs (LAWCG)**, which took place in Aquiraz, Ceará, Brazil, from October 20th to October 23th, 2024.

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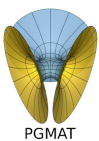
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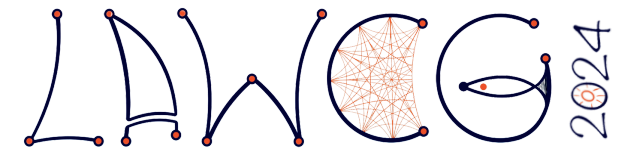
We hereby certify that **Lia Martins** presented the work entitled “**Graph aspects and algorithms of a Tower of Hanoi-London hybrid game**” at the **11th Latin American Workshop on Cliques in Graphs (LAWCG)**, which took place in Aquiraz, Ceará, Brazil, from October 20th to October 23th, 2024.

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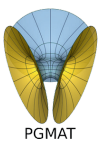
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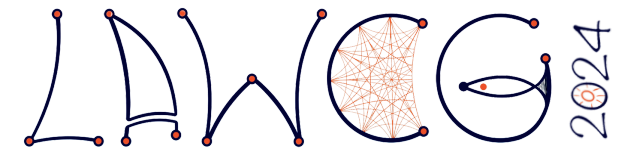
We hereby certify that **Lucas de Araújo Torres** presented the work entitled “**[k]-Roman Domination on Triangulated Discs**” at the **11th Latin American Workshop on Cliques in Graphs (LAWCG)**, which took place in Aquiraz, Ceará, Brazil, from October 20th to October 23th, 2024.

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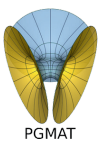
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We hereby certify that **Lucas de Oliveira Silva** presented the work entitled **“Chain Traveling Salesmen Problem”** at the **11th Latin American Workshop on Cliques in Graphs (LAWCG)**, which took place in Aquiraz, Ceará, Brazil, from October 20th to October 23th, 2024.

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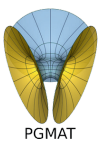
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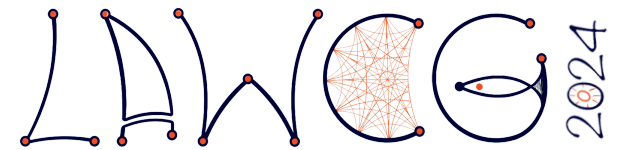
We hereby certify that **Luiz Felipe Belisário Macedo** presented the work entitled “**Estudo sobre 3-atribuição de papéis para produtos direto de grafos**” at the **11th Latin American Workshop on Cliques in Graphs (LAWCOG)**, which took place in Aquiraz, Ceará, Brazil, from October 20th to October 23th, 2024.


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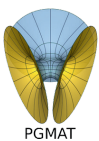
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We hereby certify that **Lydia Mirabel Mendoza-Cadena** presented the work entitled “**Diameter Reduction Via Flipping Arcs**” at the **11th Latin American Workshop on Cliques in Graphs (LAWCG)**, which took place in Aquiraz, Ceará, Brazil, from October 20th to October 23th, 2024.

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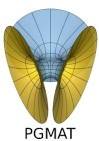
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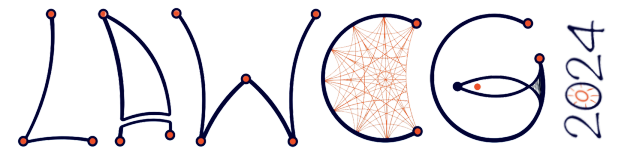
We hereby certify that **Mateus de Paula Ferreira** presented the work entitled “**The oriented chromatic number of a wheel and of the disjoint union of a wheel with a complete graph**” at the **11th Latin American Workshop on Cliques in Graphs (LAWCG)**, which took place in Aquiraz, Ceará, Brazil, from October 20th to October 23th, 2024.


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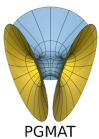
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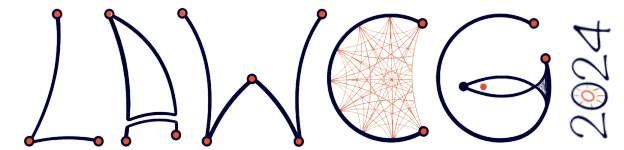
We hereby certify that **Mauro Nigro** presented the work entitled “**The AVD-total chromatic number of fullerene nanodiscs**” at the **11th Latin American Workshop on Cliques in Graphs (LAWCG)**, which took place in Aquiraz, Ceará, Brazil, from October 20th to October 23th, 2024.

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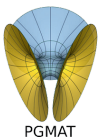
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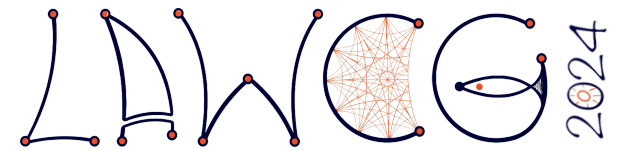
We hereby certify that **Mayara Christina** presented the work entitled “**O polinômio cromático do grafo $C_3 \square P_n$** ” at the **11th Latin American Workshop on Cliques in Graphs (LAWCG)**, which took place in Aquiraz, Ceará, Brazil, from October 20th to October 23th, 2024.

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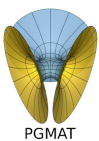
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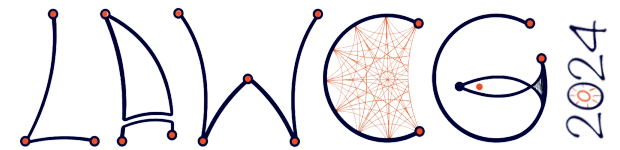
We hereby certify that **Miguel Del Rio Palma** presented the work entitled **“Sufficient conditions that ensure trees to have game chromatic number 4”** at the **11th Latin American Workshop on Cliques in Graphs (LAWCG)**, which took place in Aquiraz, Ceará, Brazil, from October 20th to October 23th, 2024.

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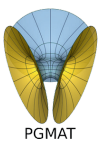
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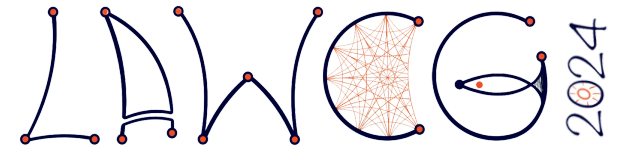
We hereby certify that **Miguel Del Rio Palma** presented the work entitled “**Total-Neighbor-Distinguishing Index by Sums on Generalized Sierpinski graphs**” at the **11th Latin American Workshop on Cliques in Graphs (LAWCG)**, which took place in Aquiraz, Ceará, Brazil, from October 20th to October 23th, 2024.

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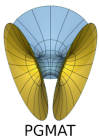
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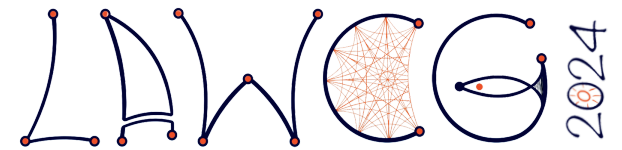
We hereby certify that **Murillo Inácio Silva** presented the work entitled **“Results on f-reversible processes”** at the **11th Latin American Workshop on Cliques in Graphs (LAWCG)**, which took place in Aquiraz, Ceará, Brazil, from October 20th to October 23th, 2024.

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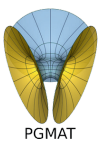
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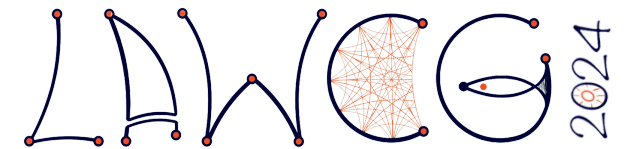
We hereby certify that **Nicolas Crisostimo Eusebio** presented the work entitled “**Equitable Total Coloring of Grid Graphs**” at the **11th Latin American Workshop on Cliques in Graphs (LAWCG)**, which took place in Aquiraz, Ceará, Brazil, from October 20th to October 23th, 2024.

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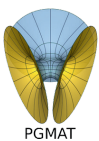
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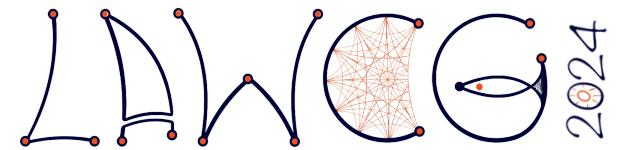
We hereby certify that **Nicolas Martins** presented the work entitled “**The Harmonious Colouring Game**” at the **11th Latin American Workshop on Cliques in Graphs (LAWCG)**, which took place in Aquiraz, Ceará, Brazil, from October 20th to October 23th, 2024.

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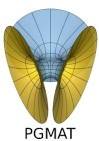
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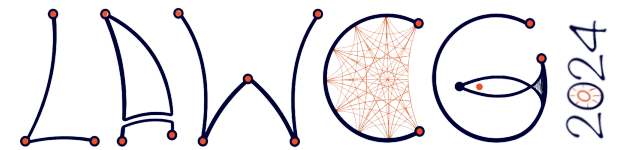
We hereby certify that **Paola T. Pantoja Huaynoca** presented the work entitled **“Graceful Coloring of cubic graphs: a focus on Snark families”** at the **11th Latin American Workshop on Cliques in Graphs (LAWCG)**, which took place in Aquiraz, Ceará, Brazil, from October 20th to October 23th, 2024.

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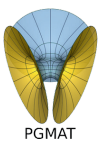
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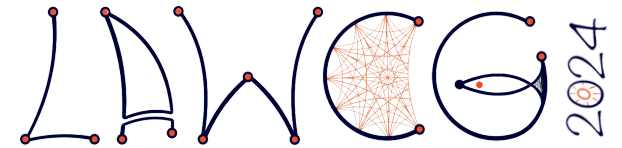
We hereby certify that **Pedro Santos Mota e Arraes** presented the work entitled “**On the irregular chromatic index of blow-ups of cycles**” at the **11th Latin American Workshop on Cliques in Graphs (LAWCG)**, which took place in Aquiraz, Ceará, Brazil, from October 20th to October 23th, 2024.

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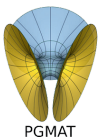
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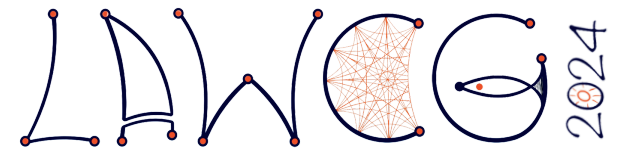
We hereby certify that **Rayane Gomes de Castro** presented the work entitled **“About directed backbone colourings of graphs”** at the **11th Latin American Workshop on Cliques in Graphs (LAWCG)**, which took place in Aquiraz, Ceará, Brazil, from October 20th to October 23th, 2024.

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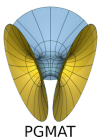
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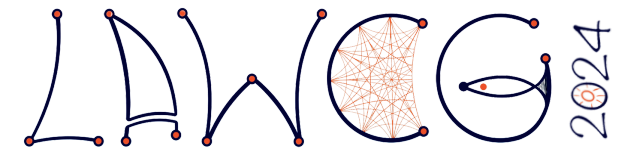
We hereby certify that **Robson Medrado de Oliveira** presented the work entitled “**Locally identifying coloring of split graphs**” at the **11th Latin American Workshop on Cliques in Graphs (LAWCG)**, which took place in Aquiraz, Ceará, Brazil, from October 20th to October 23th, 2024.

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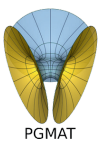
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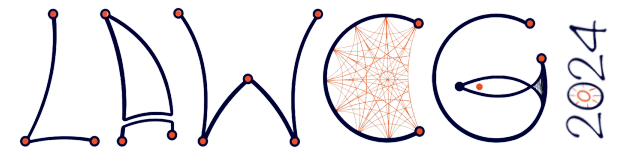
We hereby certify that **Rudini Sampaio** presented the work entitled “**Applying Spectral Graph Theory to Coupled Oscillation problems**” at the **11th Latin American Workshop on Cliques in Graphs (LAWCG)**, which took place in Aquiraz, Ceará, Brazil, from October 20th to October 23th, 2024.

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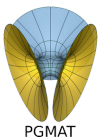
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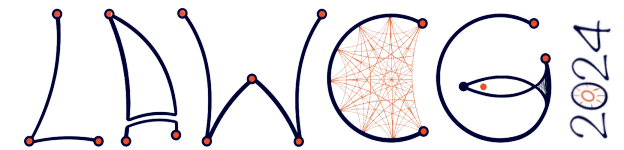
We hereby certify that **Samuel Nascimento de Araújo** presented the work entitled “**Convexity Games on Oriented Graphs**” at the **11th Latin American Workshop on Cliques in Graphs (LAWCG)**, which took place in Aquiraz, Ceará, Brazil, from October 20th to October 23th, 2024.

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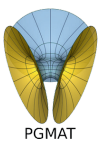
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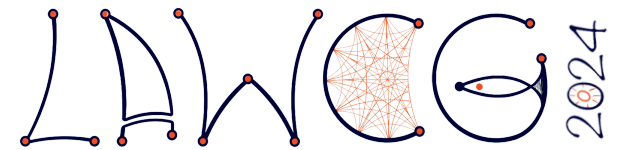
We hereby certify that **Sérgio Fusquino** presented the work entitled “**The Firefighter problem on Loupekine snarks**” at the **11th Latin American Workshop on Cliques in Graphs (LAWCG)**, which took place in Aquiraz, Ceará, Brazil, from October 20th to October 23th, 2024.

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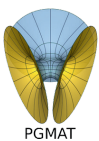
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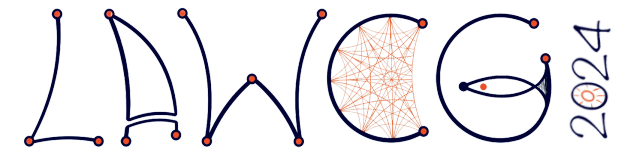
We hereby certify that **Thailsson Clementino** presented the work entitled **“Graphical Traveling Salesman Problem in some graph classes”** at the **11th Latin American Workshop on Cliques in Graphs (LAWCG)**, which took place in Aquiraz, Ceará, Brazil, from October 20th to October 23th, 2024.

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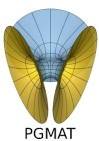
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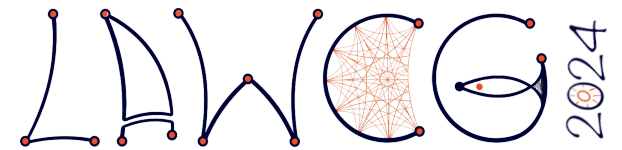
We hereby certify that **Vitor dos Santos Ponciano** presented the work entitled **“W-Hierarchy of Geodetic number problem”** at the **11th Latin American Workshop on Cliques in Graphs (LAWCG)**, which took place in Aquiraz, Ceará, Brazil, from October 20th to October 23th, 2024.

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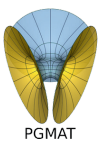
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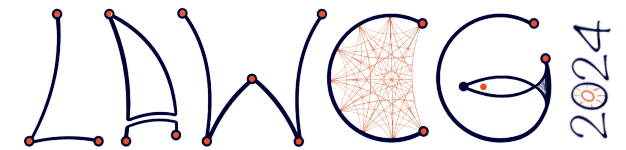
We hereby certify that **Wladimir Araújo Tavares** presented the work entitled “**Algorithms for the Maximum Clique Problem with Bit-Level Parallelism**” at the **11th Latin American Workshop on Cliques in Graphs (LAWCG)**, which took place in Aquiraz, Ceará, Brazil, from October 20th to October 23th, 2024.

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We hereby certify that **Wladimir Araújo Tavares** presented the work entitled “**Algoritmos exatos para o problema do Número de Grundy**” at the **11th Latin American Workshop on Cliques in Graphs (LAWCG)**, which took place in Aquiraz, Ceará, Brazil, from October 20th to October 23th, 2024.

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