

Seminário OGTC
 Optimization, Graph Theory and Combinatorics
 20 de setembro de 2024 (16h00 às 16h50)
 (Sala Sousa Pinto)

Inequalities of indefinite type

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In this talk, we would like to recall facts for inequalities of indefinite type from our point of view.

Our references are Ando's lecture notes [1], Ando's articles [2, 3], [6] and ours [4, 5, 6].

Referências

- [1] Tsuyoshi Ando, Linear Operators on Krein Spaces, Hokkaido University, Research Institute of Applied Electricity, Divisionof Applied Mathematics, Sapporo, 1979.
- [2] Tsuyoshi Ando, Löwner inequality of indefinite type, *Linear Algebra Appl.* 385 (2004), 73–80.
- [3] Tsuyoshi Ando, Two classes of J -operators, *J. Iran. Math. Soc.* 4 (2023), no. 1, 45–54.
- [4] Takashi Sano, Furuta inequality of indefinite type, *Math. Inequal. Appl.* 10 (2007), no. 2, 381–387.
- [5] Takashi Sano, On chaotic order of indefinite type, *J. Inequal. Pure Appl. Math.* 8 (2007), no. 3, article 62, 4 pp.
- [6] Mohammad Sal Moslehian, Takashi Sano, Kota Sugawara, The arithmetic-geometric mean inequality of indefinite type, *Arch. Math. (Basel)* 117 (2021), no. 3, 347–359.

Este seminário é financiado pelo Centro de Investigação e Desenvolvimento em Matemática e Aplicações (CIDMA) através da Fundação para a Ciência e a Tecnologia (FCT), referências UIDB/04106/2020 (<https://doi.org/10.54499/UIDB/04106/2020>), UIDP/04106/2020 e 2022.03091.PTDC (<https://doi.org/10.54499/UIDP/04106/2020>).