

Ishihara's uniform space and basic pairs

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In Ishihara's lecture [1] at the Autumn School 2025, a uniform space was presented in the style of basic pairs, following [2]. In this talk, we investigate the relationship between uniform spaces and basic pairs, and study compactness in this setting.

References

- [1] H. Ishihara, *Uniform space and Integration Theory*, slides for autumn school "Proof and Computation 2025", <https://www.math.lmu.de/~schwicht/PC/25/slides/>
- [2] G. Sambin, *Positive Topology: A New Practice in Constructive Mathematics*, Oxford University Press, 2025