

Circling around the $3x+1$ conjecture

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Keywords: $3x+1$ conjecture, Number Theory, Dynamical Systems

Given the long-standing difficulty of the problem, the participants are expected to share their views on the approaches and analyze the avenues for its resolution. The formal and computational formulations are encouraged in the hope to illustrate and highlight the structure of the iterates. Also, importantly, the authors are encouraged to underline the partial results, difficulties, obstacles and limits of their approach.

One goal would also be to build, within this session, a state of the art and sketch a taxonomy of the various known approaches in recent history to the resolution of this tricky, mesmerizing and finally time-devouring problem.

References

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