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**ARNO BERGER**, University of Alberta

*Some dynamical properties of Benford sequences*

Numerical data generated by dynamical processes often obey Benford's Law (BL) of logarithmic mantissa distributions. For nonautonomous processes  $x_n = T_n(x_{n-1})$ , this talk will present some necessary as well as sufficient conditions for  $(x_n)$  to conform with BL in its strongest form. The assumptions on  $(T_n)$ , viz. asymptotic convexity and eventual expansivity on average, are very mild and met e.g. by many rational or exponential maps, and combinations thereof. Some interesting open problems will be mentioned.