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Brian Chapman* (brian.chapman@ndsu.edu), North Dakota State University, Department of Mathematics, PO Box 6050, Fargo, ND 58108-6050. *Some Properties of the Pascal Adic Transformation and a Related Subsystem*. Preliminary report.

In this talk, we will investigate some properties of the Pascal adic transformation and those of a related subsystem, the Catalan adic transformation. We will discuss the construction of the Catalan adic transformation and show how some selected properties follow from those of the Pascal adic. (Received February 03, 2015)