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Karl Dilcher* (dilcher@mathstat.dal.ca), Department of Mathematics & Statistics, Dalhousie University, Halifax, N.S. B3H 4R2, Canada, and **Larry Ericksen**. *Continued fractions and Stern polynomials.*

By using specific subsequences of two different types of generalized Stern polynomials, we obtain several related classes of finite and infinite continued fractions involving z^{t^j} in their partial numerators, where z is a complex variable and $t \geq 2$ an integer. The talk concludes with some additional related results. (Received September 16, 2016)