

1014-60-1004

**Matthew O. Jones\*** (jonesmatt@apsu.edu), P.O.Box 4626, Mathematics Department, Austin Peay State University, Clarksville, TN 37044, and **Richard F. Serfozo**. *Sums of Point Processes and Attribute-Based Thinnings Leading to an Unusual Poisson Process*.

We show a class of superpositioned, possibly dependent point processes converges in distribution to a Poisson Process. Using this result, we show a class of continuous-time measure-valued Markov processes converges in distribution to a peculiar Poisson process. (Received September 26, 2005)