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## THE DEPENDENCE STRUCTURE OF THE FRACTIONAL ORNSTEIN-UHLENBECK PROCESS

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Abstract: Let X(t) be a fractional Lévy motion of Riemann-Liouville type and let Y(t) be a corresponding fractional stable Ornstein-Uhlenbeck process obtained through the Lamperti transformation of X(t). We investigate the asymptotic dependence structure of the stationary process Y(t) as  $t \to \infty$  and we show that Y(t) does not have the long-memory property.

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