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Q. Bu (qbu@olemiss.edu), **G. Buskes** (mmbuskes@olemiss.edu) and **W. Lai*** (wlai@olemiss.edu), P.O.Box 4390, University, MS 38677. *The Radon-Nikodym Property for Tensor Products of Banach Lattices II.*

Fremlin and Wittstock in 1972 and 1974 investigated the positive projective tensor product and the positive injective tensor product of Banach lattices, respectively. In this talk, we will first give sequential representations of the Fremlin projective tensor product $\ell_\varphi \hat{\otimes}_F X$ and the Wittstock injective tensor product $\ell_\varphi \tilde{\otimes}_i X$ of an Orlicz sequence space ℓ_φ and a Banach lattice X . Then we will use these sequential representations to characterize the inheritance of the Radon-Nikodym property from ℓ_φ and X to their tensor products $\ell_\varphi \hat{\otimes}_F X$ and $\ell_\varphi \tilde{\otimes}_i X$. (Received September 20, 2007)