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ENTROPY ANALYSIS OF A NEAREST-NEIGHBOR ATTRACTIVE / REPULSIVE EXCLUSION PROCESS ON ONE-DIMENSIONAL LATTICES

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Acting on information supplied by Professor H. O. Georgii, we found that Theorem 5.4 in Georgii (1975) and Theorem 5.15 in Georgii (1979) yield Theorem 2 of our paper (1990).

Related to this, we note that combining our Proposition 5.1 with Theorems 2.14 and 5.15 of Georgii (1979) yields the following important result, which completely determines the structure of stationary measures for the finite range exclusion process:

THEOREM. *If the exclusion process in Proposition* 5.1 *is of the type of particle jump process with speed change in Theorem* 3.42 *of Georgii* (1979), *then the set of extremal points of stationary measures for the process is equal to the set of Gibbs measures with the corresponding underlying potentials.*

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