

1046-22-1343      **Amir A. Maleki\*** ([amaleki@howard.edu](mailto:amaleki@howard.edu)), 20892 Butterwood Falls Terrace, Sterling, VA 20165.  
*Caratheodory Approach in Haar Measure*. Preliminary report.

Let  $Y$  be the space of all functions from the set of natural numbers to the set  $\{0, 2\}$ . Then  $Y$  is a compact topological group. Using Caratheodory approach we construct Haar Measure on  $Y$ . (Received September 15, 2008)