1139-37-104   **V Bergelson** and **D Robertson*** (`robertso@math.utah.edu`). *IP sets and weakly mixing groups.* Preliminary report.

By an example of Straus, there are positive density sets of integers no shift of which contain a sequence and all its finite sums. We prove that positive density subsets of minimally almost periodic amenable groups contain highly structured sets that do contain a sequence together with all its finite products. (Received February 12, 2018)