

# A. S. Kechris: Global Aspects of Ergodic Group Actions; Corrections and Updates (November 16, 2011)

**Page 26:** An update concerning the results in the paragraph following 4.12:

Matui has shown that  $t([E]) = 2$  and  $t([E_n]) \leq 2(n + 1)$ . Independently Marks also proved that  $t([E]) = 2$  and moreover showed that  $t([E_n]) \leq 2n$  and if moreover  $E_n$  is induced by a free modular action of  $F_n$ , then  $t([E_n]) = n + 1$ .

**Page 67, line 18:** delete “ergodic”

**Page 71, 10.9:** Add in the statement of the theorem that  $\Gamma$  is an infinite countable group

**Page 71, line 4:** Before “Let” add “By 10.8, we can assume that  $a$  is free.”

**Page 71, line 11:** Replace “The extreme ... Krein-Milman” by “Using the ergodic decomposition of  $a$  and the fact that  $a$  is free, we see that”

**Page 71, line 13:** After “ergodic,” add “and non-atomic,”

**Page 87, line 18:** add “)” at the end of the formula

**Page 90, 12.11:** replace [HJ4] by [HJ5]

**Page 214, line 14:** after “claim” add “applied to  $e_1, \dots, e_p$  and a given open set  $W' \subseteq W$ ”