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Displayed formula right before (4.5.4). There is an extra ”)”.

In Proof of Theorem 4.5.8 it should be written after referring to Proposition 4.4.3 ”for T topologically transitive”.

Add also at the end of the proof: If T is not topologically transitive replace X by sets Ω_j in Theorem 4.3.8 (spectral decomposition). This uses Corollary 4.2.5 (closing lemma) and the fact that $P(T, \phi) = \max_j P(T|_{\Omega_j}, \phi|_{\Omega_j})$. This equality follows from Theorem 3.4.1 (Variational Principle) and the fact that all finite invariant measures must be supported on the non-wandering set Ω . Compare also Remark 11.6.3.

After the statement of Lemma 4.6.2 add: We use the notation $A \circ B := \{(x, y) \in X \times X : \exists z \text{ such that } (x, z) \in A, (z, y) \in B\}$ for any $A, B \subset X \times X$.

After (8.3.3) change supremum into infimum.

In (2.11.8) replace h by g .

Near the end of the proof of Theorem 11.5.1, (10.5.3) should be (11.5.3), twice.

In the first line in Section 11.6 the reference should be to Section 11.1 rather than 10.1.

In the statement of Theorem 11.6.1, after the words ”Cantor set” add ”or individual periodic orbits, ”.

In the paragraph preceding Remark 11.6.3 replace topologically mixing by topologically transitive. For a closer explanation see Remark 11.6.1 below.

Remove in the first paragraph of Remark 11.6.3 ”and even topologically mixing”.

In the last paragraph of Remark 11.6.3 replace m by n and add: provided it exists (this is the case e.g. if there exists an f -fixed point in X_k).

In the formula preceding (2.5.4) the letter j under the sums should be replaced by i .

In Theorem 2.6.1 in the item (2) replace " \mathcal{F} - measurable for" by "For" and remove the number (3) in the next line.

In Remark 9.6.2 replace (9.2.7) by (9.6.2).

End of Proof of Lemma 11.3.2 the expression with an incorrect font should be \mathcal{P}_{r_n}

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Section 11.6, first line. Replace 10.1 by 11.1.

Next line: closed complex plane by Riemann sphere.

In Theorem 11.6.1 add after "Cantor sets": "or periodic orbits"

In Theorem 2.6.7, after the number (2) add: The function $x \mapsto \mu_{A(x)}(B \cap A(x))$ is

Right after (3) add: This is the only function (up to 0 μ -a.e.) satisfying