ERRATA & NOTES

Differential Equations and Population Dynamics I: Introductory Approaches

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- p. 101 l+8 in the Definition 3.16 the words "spectral radius" should not be there. Definition 3.16 is devoted to the *spectral bound* only. The spectral bound is equal to

$$s(A) = \max\left\{\operatorname{Re}\lambda : \lambda \in \sigma\left(A\right)\right\}.$$

For matrices (i.e. finite dimensional spaces) the *spectral radius* is equal to

$$r(A) = \left\{|\lambda| : \lambda \in \sigma\left(A\right)\right\}.$$

We hope everything will become clearer in the section 4.4.1 p.135 that should be moved before the section 3.6.1 p.100.

- p. 267 In equation (8.42) $\int_0^\infty \beta(a)CI(\sigma, a)dad\sigma$ should be $\int_0^\infty \beta(a)CI(t, a)da$.

- p. 268 The page break should not be there.

- p. 458 "spectral radius" Definition 4.14 p.136.