Errata CATBox

This document contains a list of known errors and typos of the first edition of CATBox.
16. November 2017

Where	old	new
Chapter 1		
Chapter 2		
p. 8, l. -7	$\deg D^-$	$\deg D^-$
p. 10, l. -5	A cycle $v_1 a_1 v_2 a_2 v_3 \ldots a_n v_{n+1}$ is a	A cycle $v_1 a_1 v_2 a_2 v_3 \ldots a_n v_1$ is a
p. 10, l. -2	edges	arcs
Chapter 3		
p. 28, l. 10	In the routine `T:AddEdge` `((v,w))` vertex `w` is added	In the routine `T:AddEdge` `((u,v))` vertex `v` is added
Chapter 4		
p. 35, l. -5	... have at least $|P| - 1$ vertices.	... have at least $|P| - 1$ edges.
p. 36, l. 3	$\sum_{i=0}^{k} \lambda_i v_i \in P$	$\sum_{i=1}^{k} \lambda_i v_i \in P$
p. 37, l. 14	$e \notin \partial P,$	$e \notin \partial P_e$
p. 38, l. 8	$|V| - l = \sum_{j=1}^{l}(|Q_i| - 1)$	$|V| - l = \sum_{j=1}^{l}(|Q_j| - 1)$
p. 39, l. -5	$i = 1, \ldots, s$	$i = 1, \ldots, k$
p. 40, l. 19	$\sum_{f \in \delta P} y(\lambda_0)_f \geq |P| - 1$	$\sum_{f \in \partial P} y(\lambda_0)_f \geq |P| - 1$
p. 42, l. 2	$L \subset \mathbb{R}$	$L \subset \mathbb{R}^n$
p. 45, l. 11	supremum	infimum
p. 50, l. 14	elementary circuit	fundamental circuit
p. 50, l. 18	of B	of B_2
p. 51, l. 12	$r(E \setminus \partial P)$	$r_M(E \setminus \partial P)$
Chapter 5		
p. 55, l. -14	sv-path	s-v-path
p. 60, l. 3rd paragraph		The examples have changed and the phenomena occur with other data.
p. 61, l.	in Allpairs.py B=A	B should be a copy of A and not just a pointer to the same object
to be continued		

Where	old	new
p. 61, l. -5	$0(n^3)$	$O(n^3)$
Chapter 6		
p. 71, l. -19	$rescap(a) > 0$	$rescap(\tilde{a}) > 0$
p. 75, l. 3	Figure 6.1	Figure 6.2
Chapter 7		
p. 102, l. -3	$\frac{d_n(v) - d_s(v)}{n-k}$	$\frac{d_n(v) - d_k(v)}{n-k}$