Erratum
Constraint Networks
Christophe lecoutre
ISTE/Wiley

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1. An obvious bad use of “copy and paste”. Definition 3.28, Page 151, replace every occurrence of generalized arc-inconsistent by generalized arc-consistent. You should obtain:

**Definition 3.28.** *(Generalized Arc Consistency)*

- A constraint $c$ is **generalized arc-consistent**, or **GAC-consistent** iff $\forall x \in scp(c), \forall a \in dom(x)$, there exists a support for $(x, a)$ on $c$.

- A constraint network $P$ is **generalized arc-consistent** iff every constraint of $P$ is generalized arc-consistent.

Additionally, we have for any constraint network $P$:

- A v-value $(x, a)$ of $P$ is **generalized arc-consistent** on $P$ iff for every constraint $c$ of $P$ involving $x$, there is a support for $(x, a)$ on $c$.

- A variable $x$ of $P$ is **generalized arc-consistent** on $P$ iff $\forall a \in dom(x)$, $(x, a)$ is generalized arc-consistent on $P$.

2. Caption of Figure 9.2, Page 396. Replace FC-dom by FC-max-dom.

3. Line 6, Paragraph2, Page 284. Replace $O(nd)$ by $O(nr)$.

4. In order to avoid the use of an undefined value for $sup[c, x, a]$ at Line 17 of Algorithm 20 Page 211, we have to insert:

   ```
   foreach constraint $c$ of $P$ do
   ```

   between line 4 and line 5 of the same algorithm. This has no effect on complexities. Thank you to Yves Deville for pointing this to me.

5. I do not know why I forgot to cite [BES 96] when introducing the heuristic *dom/ddeg* Page 394 (second paragraph).
6. Page 197, in Proposition 4.1, if we assume that the (binary) constraint network is normalized, the worst-case time complexity can be reduced to $O(nd)$ since the last instantiated variable is involved in at most $n-1$ binary constraints. Thank you to Liang Zhang from JiLin University for pointing this to me.

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