DESIGN AND ANALYSIS OF DISTRIBUTED ALGORITHMS

ERRATA

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- CHAPTER 1
  - pp.7 - Definition of Bidirectional Links:

    $\forall x \in \mathcal{E}, N_{in}(x) = N_{out}(x) = N(x)$ **and** $\forall y \in N(x), \lambda_x(x,y) = \lambda_y(y,x)$

  - pp. 27 - Exercise 1.12.7, add:

    (*Hint: Treat the event of an entity wanting to send a message to a neighbour is a spontaneous impulse for that entity.*)

  - pp. 27 - Exercise 1.12.8, add:

    (*Hint: Treat the event of an entity wanting to send a message to a neighbour as a spontaneous impulse for that entity.*)

- CHAPTER 2
  - pp 77, lines 8-9 - definition of $t(x)$:

    $t(x) = \text{Min}\{d(x,y) : y \in I\}$

  - pp 77 - Expression (2.25):

    $\mathbf{T}[\textit{Full Saturation}] = \text{Max}\{d(l,s) + \text{Min}\{d(l,y) : y \in I, l \in L\} \leq 2d$

– pp 80 -line 20 (Procedure *Resolve*):

maxdist :=1 + Max {Distance[z] : $z \in N(x) - \{y\}$}