

Errata Corrige of “Power System Modelling and Scripting”, Springer, London, 2010

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Chapter 6

Pag. 137: The fourth inequality of equation (6.25) should read:

$$p_L^{\min} \leq p_L \leq p_L^{\max}$$

Pag. 137: The second point of the list at the bottom of the page should read:

2. If $c_G(p_G) = p_G$ and $c_L(p_L) = p_L$, (6.25) allows minimizing power system losses.

Chapter 18

Pag. 402: Equation (18.10) should read:

$$v_{dc} i_{dc} = g_T (\sqrt{3/8} a_m v_{dc})^2 - \sqrt{3/8} a_m v_{dc} v_{ac} g_T \cos(\theta_{ac} - \alpha) + \sqrt{3/8} a_m v_{dc} v_{ac} b_T \sin(\theta_{ac} - \alpha) \quad (18.10)$$

Pag. 402: Equation (18.11) should read:

$$\begin{aligned} 0 &= p_{ac}^2 + q_{ac}^2 - v_{ac}^2 i_{ac}^2 \\ 0 &= p_{ac} \sin(\theta_{ac} - \phi_{ac}) - q_{ac} \cos(\theta_{ac} - \phi_{ac}) \end{aligned} \quad (18.11)$$

Pag. 403: Equation (18.14) should read:

$$\begin{aligned} \alpha^{\min} &\leq \alpha \leq \alpha^{\max} \\ a_m^{\min} &\leq a_m \leq a_m^{\max} \end{aligned} \quad (18.14)$$

References

Ref. 172: Strathclide should read Strathclyde .